

AREA _____ STATE or PROVINCE ALV. PAGE No. ①
 LINE No.(s) 66 PARTY No. 186 DATE 6. Day 4. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TT 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	Correction	Center Hair			INST.	ROD			
1												143.1		○	EP	T.S. 24
2																
3		2970	-								+150	158.1		Δ		
4	✓	1980		-12						9.9	172	140.9			gap	1117.
5		0	-								3.3	152.8			gap	"
6	6	1650	-								3.3	154.8		○	gap	"
7		3135		90-10	.29					+9.1	+5.3	170.1		Δ		
8	H	1480	-								12.3	157.8			gap	"
9		0	-								5.3	164.8			SP. 1	LINE 66. END
10	S	1220	-								3.4	166.7			2.	
11		2640	-								2.5	167.6		○	3.	
12	✓			270-10	.24					+7.7	2.6			ck		
13		2640		57-40	.58					15.3	12.0	155.7		Δ		
14	✓			270-30	.37					23.0	11.8			ck		
15	H	1220		+42						+6.6	+10	156.7			4.	
16		0	-								5.8	149.9		○	5.	LL-5 60-40
17																
18																See page 1 of field
19																
20																

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AREA _____ STATE or PROVINCE ALC. PAGE No. 4
 LINE No.(s) 66 PARTY No. 186 DATE 7 Day 9 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROUPE WEATHER: MILD. 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												200.1	0	43.	
2		1320		- 1/2						+6.6	18.1+18.2	218.3			
3	S.	✓		269-40	.58					+7.7	18.4				CK
4		0		-							5.3	213.0		42.	
5	N.	1320		-							5.5	212.8		41.	
6		2640		+ 1/2						+13.2	7.6 7.8	216.5	0	40.	
7		✓		270-10	.29					+7.7	7.9				CK
8		1320		-							7.4	19.5+19.5	226.0		Δ
9	S.	✓		270-10	.29						3.8	19.5			CK
10		0		-							5.3	220.7		39.	CAMP. Loc
11	N.	1320		-							12.2	213.8		38.	
12		2640		-							10.5	215.4	0	37.	
13		✓		269-50	.29					7.7	10.8				CK
14		2640		+ 1/2							12.4	0.8 8.8	214.6	✓	Δ
15		✓		270-10	.29						7.0	0.7			CK
16	S.	1320		+ 1/2							6.8	0.2	214.4		36.
17		0		-							5.3	209.3		35.	
18	N	1320		90-30	.87						12.2	190.2		34.	
19		2640		90-20	.57						13.9	185.4	0	33.	
20		✓		269-30	.87						6.3	229.3			CK

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AREA _____ STATE or PROVINCE ALK. PAGE No. 3
 LINE No.(s) 66 PARTY No. 186 DATE 7 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L LYMAN RODMAN T.T. 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												211.4	✓	⊙	SP. 27	LINE 59.	
2	E.	140															
3	E.	140	-							+5.3	-5.3	216.7		Δ			
4		0	-							5.7	5.7	211.0		⊕		59 I.P. AT E. 66.	
5																	
6																	
7																	
8	N.	172	-							7.2	-7.2	209.5		⊙	SP. 27	LINE 66.	
9		670	-							7.5	-7.5	209.2		⊙		REFER	
10	✓			270-10	.29					7.5	+1.9	7.6		CK		L-20	
11		2140		270-30	.87					4.9	+7.6	13.7	13.6	195.6	Δ		P-18A
12	✓			270-40	1.16					11.4	+24.8	13.4		CK			LINE 59XW
13	S.	1320	-							9.5	8.5	196.1				46.	
14		0	-							5.3	5.3	190.3				45.	
15	N	1720		+1/2						6.1	+6.6	0.5	196.1			44.	
16		2640		+1/2						8.2	+13.2	4.6	200.1	⊙		43.	
17	✓			270-20	.58					17.0	+15.3	4.3		CK			notes worked back - boards: 20 P 2
18																	
19																	
20																	

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALC. PAGE No. 2
 LINE No.(s) 16 PARTY No. 186 DATE 6 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN TT WEATHER: MILD, SUNNY 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												168.0	0	10		
2		2640		29.50	.29				7.7	4.371	163.9		Δ			
3		✓		270.20	.58				15.3	3.9			CK			
4	S	1320	-							3.2		160.7		7		
5		0	-							5.3		158.6		8		
6	N	1320	-							11.7		152.2		7		
7		2640	-							11.3		152.6	0	6		
8		✓		269.50	.29				7.7	11.4			CK			
9		1320		+ 1/2					6.6	2.8 ± .5	155.5		Δ			
10	S	✓		270.30	.87				11.5	13.0			CK			
11		0	-							5.6		149.9	0	5	± 50 REFER P.1 16. L-1 LINE 60	
12																
13																
14																
15																
16																
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALX. PAGE No. 5
 LINE No.(s) 66 PARTY No. 186 DATE 7 Day 1 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		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												185.4	0	33		
2		2640		+1/2					12.7	73.2	0.5 0.5	184.9				
3		✓		270.10	.29				7.3	7.7	0.4			ck.		
4	S.	1310	-						1.4		7.4	183.5		32		
5		0	-						5.3		3.3	179.6		31		
6	N.	1320	-						7.7		7.9	177.0		30		
7		2640		+1/2					10.4	+13.2	22.8	187.7		29		
8		2800		89-50	.29				2.0	78.1	76.1 75.9	190.8	0			
9		✓		270.20	.58				10.5	+16.2	5.7			ck		
10		2475		89-40	.58				8.2	74.4	72.2 71.1	184.7				
11		✓		270.28	.81				14.0	20.0	8.0			ck		
12	S.	1320	-						6.0		8.0	178.7		28		
13		0	-						5.3		3.3	179.4		27		
14	N.	1320	-						5.3		3.3	179.4		26		
15		2640	-						3.2		3.2 7.0	180.7	0	25		
16		✓		270.10	.29				11.7	77.7	4.2			ck		
17																
18																
19																
20																

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AREA MEADE RIVER STATE or PROVINCE ALV. PAGE No. 6
 LINE No.(s) LL PARTY No. 116 DATE 7 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LEMAN RODMAN 77 WEATHER: 1710 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												180.7	✓	Δ	25.	
2		2640	-								+5.0+5.1	183.8	✓	Δ		
3		✓		270-10	.29					7.7	3.2			ck.		
4	S	1320	-								5.8	178.0			21.	
5		0	-								5.3	178.5			23.	
6	N	1320	-								7.0	176.8			22.	
7		2640	-								5.8	177.8	✓	○	21.	
8		✓		270-10	.29					7.7	6.2			ck		
9		2640	-								4.7	182.9	✓	Δ		
10		✓		270-10	.29					7.7	-4.75.1			ck		
11	S.	1320	-								17.9			ck		
12		0	-								4.7					
13	N	1320	-								17.2					
14		2640	-								4.3	178.6			20.	
15		✓		269-50	.29						5.3	176			19.	
16		2640	-								17.5	169.1			18.	
17		✓		270-10	.29						5.8	169.4	✓	○	17	
18	S.	1320	-							7.7	73.5-73.5			ck		
19		0	-								2.5	172.0		Δ		
20	N	1320	-							7.7	+26+26			ck		
		✓		270-10	.29					7.7	26			ck		
18	S.	1320	-								5.0	167.0			16.	
19		0	-								5.3	166.7			15.	
20	N	1320	-								5.2	166.8			14.	

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AREA _____ STATE or PROVINCE ALK. PAGE No. 7
 LINE No.(s) CC. PARTY No. 186. DATE 7 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. L. MAN. RODMAN T. T. 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												172.0 ✓				
2	N.	2640		29.50	.29				11.0	+7.7	21.1 72		167.8	0	13.	
3		✓		270-13.75	.40				15.0	+10.6	4.4			ck		
4		2640	-						4.1		+4.1 +4.4	172.2 ✓		Δ		
5		✓		270-10	.29				12.3	7.7	+4.6	1		ck.		
6	S.	1720	-						5.9		5.9		166.3		12	
7		0	-						5.7		5.3		166.9		11	
8	N.	1720	-						4.1		7.1 72		168.0	0	10.	
9		✓		270-10	.29				8.1	+3.8	4.3			ck		
10																RE: PAGE 2.
11																ELEV. BACK TO E 59.
12																
13																
14																
15																
16																
17																
18																
19																
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AREA _____ STATE or PROVINCE ALK. PAGE No. 8
 LINE No.(s) 66. PARTY No. 146 DATE 8 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. RODMAN L H WEATHER: Cloud 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												273.7	0	436	LINE 63 see page 31 2-63	
2												273.7				
3	W	125	-							+6.7	280.4		Δ			
4		0	-							5.5		274.9		±	66 63.	
5																
6																
7	N	234	-							6.6	76.6	273.8		80	LINE 66	
8		1550	-							8.6	816.7	271.7	0	77		
9		✓		270-10	.29					17.3	465	87		ck		
10		2140	-							14.2	448	250	286.7	A		
11		✓		267-50	.29					7.4	7.7	15.1		ck.		
12	S	1320	-							13.2		73.2		78		
13		0	-							5.3		8.3		77		
14	N	1320		87-40	.53					7.3	7.3	107	276.4	76		
15		2640		+1/2						7.0	+132	+62-59	292.6	0	75	
16		✓		270-20	.58					7.7	153	56		ck.		
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALC. PAGE No. 9
 LINE No.(s) 66. PARTY No. 186. DATE 8. Day 9. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN L. H. 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												292.6	0	75.		
2		2640		+1/2					2.9	73.2	10.5	282.2				
3		✓		270-30	.87				12.7	23.0	10.3					ck
4	S	1320		+1/2					3.5	76.6	+3.1	285.4		74.		
5		0	-						5.3		5.3	276.9		73.		
6	N.	1320	-						14.8		74.8	267.4		72.		
7		2640		-1/2					13.6	73.2	26.8	265.2		71.		
8		✓		269-40	.58				11.9	75.3	27.2					ck
9		2140		90-30	.87				5.7	+18.6	29.3	284.7				ck
10		✓		269-36	.70				14.6	+15.0	29.6					ck
11	S.	825	-						10.6		10.6	274.1		70		
12		0	-						5.3		5.3			-		
13	N.	495		93-00	.523				17.5	25.9	37.4	247.3		69.		
14		1815		91-10	.204				11.8	37.0	38.8	235.8		68		
15		✓		268-40	.233				6.7	72.3	82.0					ck
16																
17																
18																
19																
20																

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STATE or PROVINCE _____

PAGE No. 10LINE No.(s) 66PARTY No. 186DATE 6 Day 4 Mo. 75 Yr.

BOOK No. _____

SURVEYOR L. L. MANRODMAN L. H.WEATHER: cloud

P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												235.7	0	62		
2		2140	-					5.9		15.9	241.9		Δ			
3				770-10	1.29			12.5	0.2	6.3			OK			
4	S.	825	-					6.6		6.6	235.3			67		
5		0	-					5.3		5.3						
6	N	495	-					4.5		4.5	237.4			66		
7		990		87-40	4.07			4.9	40.3	35.4+25.3	277.2		0			
8		✓		87-40	4.65			10.9	46.0	25.1			OK			
9		600		89-00	1.74			17.1	11.5	0.4 0.4	276.8		Δ			
10	S.	✓		77-10	2.04			13.1	13.5	0.4			OK			
11		0	-					5.3								
12	N	165		72-00	3.44			8.0	5.8	13.8	263.0			65		
13		1485		91-10	2.04			12.1	30.3	42.4 92.4	234.2		0	64		
14				88-10	2.33			8.1	34.6	42.7			OK			
15																
16																
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALC. PAGE No. 11
 LINE No.(s) 66 PARTY No. 186 DATE 8 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR C. L. M. D. W. RODMAN L. H. WEATHER: Cloud 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												234.2	D	64		
2		77.0	-								5.7	239.9	Δ			
3	S	✓		27.0-2.0	.58					8.5	5.7		CK			
4		0									5.3	234.6		6	LINE 62 LINE 66	
5																
6																
7																
8	W.	117	-								5.7	234.2		SP. 30	LINE 62	
9												235.3			NO L-62 page #1	
10												Tie	-1.1			
11	N.	550	-								2.0	233.9		SP. 63	LINE 66	
12		187.0	-								11.2	228.6	D	62		
13		✓		26.9-5.0	.29					3.4	11.4		CK			
14		214.0		-1/2						10.7	17.3	246.1	Δ			
15		✓		26.9-5.0	.29					11.4	16.2	17.6	CK			
16	S.	825		-1/2						11.1	4.1	230.9		61		
17		0								5.9	3.3			-		
18	N.	495		9.1-2.0	1.74					8.6	22.0	224.1		60		
19		171.5		9.0-3.0	.87					9.2	15.8	223.0	D	59		
20				-1/2						15.9	7.1	23.0	CK			

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AREA _____ STATE or PROVINCE _____ PAGE No. 12
 LINE No.(s) 66 PARTY No. 152 DATE 8 Day 9 Mo. 7 Yr. 5 BOOK No. _____
 SURVEYOR L. ELMAN RODMAN L. F. 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												223.1	0	59		
2		2040		+1/2					13.2	-2.179	221.2					
3		✓		72-20	58				15.3	117				CK		
4	S	1220		+1/2					7.2	+3.4	224.6			58		
5		0		-					5.3	5.3	215.9			57		
6	N	1220		-1/2					8.7	-6.6	205.9			56		
7		2040		-1/2					3.6	13.2	204.2	0	55			
8		✓		269-50	29				9.5	7.7			CK			
9		1080		72-00	349				12.0	+32.7	253.9			CK		
10	S	✓		267-40	407				5.8	44.0			CK			
11		0		-					5.3	-						
12	N	205		-					5.7	5.7	248.2			54		
13		1555		70-30	87				14.3	130.5	226.0	0	53			
14		✓		269-20	116				10.0	170			CK			
15																
16																
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALB. PAGE No. 13
 LINE No.(s) 26 PARTY No. 126 DATE 8 Day 1 Mo. 7 Yr. BOOK No. _____
 SURVEYOR L. L. MAN. RODMAN W. R. WEATHER: 2000 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												226.0		53		
2		2135		4 1/2				7.0	75.7	8.0 9.9	218.1		▲			
3		v		27.20	.57			10.5	78.1	7.7			CK.			
4		1810		27.20	1.16			11.2	21.1	32.7		185.4		52		
5	S.	475		26.0	3.49			7.6	72.3	26.9		191.2		51		
6		"		"				5.8		3.3		212.8		-		
7	N	825		91.00	1.74			7.0	74.4	23.4		194.7		50		
8		2140		70.30	.87			10.0	78.6	28.6		189.5	○	49		
9		v		269-20	1.16			5.8	24.8	28.6			○			
10		1810		70.30	.87			7.4	75.7	25.1 25.2	214.7		▲			
11		✓		269-40	.58			14.9	10.5	25.4			CK			
12	S.	495		268-40	2.33			12.4	71.5	23.9		190.8		48		
13		"		"				5.3						-		
14	N	650		"				3.6		3.6 3.7		211.0	○	56		1-P
15		✓		270-40	1.16			11.2	7.5	3.8			CK	59		AT. 6
16																
17																
18																
19																
20																

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RC: PAGE 3
 ELEV. BACK TO 6 56/13

AREA _____ STATE or PROVINCE ALK. PAGE No. 14
 LINE No.(s) LL. PARTY No. 186 DATE 9 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. C. MAN RODMAN TROUPE WEATHER: CLEAR P.T.S. No. 1

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB S. OF St. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1											311.0	⊙	105.		
2															
3		1720	-												
4	S.	✓		270-20	.58				7.7	5.3	36.4	Δ			
5		0	-							5.3			104.		
6	N.	1320		-12					6.6	7.8			103.		
7		2140		90-20	.58				17.9	15.3	29.2	✓	102.		
8		✓		269-30	.87				6.2	23.0	29.2		ck		
9		2140		89-30	.87				9.2	23.0	18.8	✓	Δ		
10		✓		270-36	1.05				14.3	17.7	13.4		ck.		
11	S.	1920		170-30	.87				7.4	11.5	8.1		101.		
12		0	-							5.3			100.		
13	N.	1320		91-00	1.74				17.8	23.0	36.8	✓	⊙	99	
14		✓		269-50	2.04				9.8	26.9	36.7		ck.		
15		2640		-12					10.5	13.2	23.7	✓	Δ		
16		✓		269-40	.58				8.2	15.3	24.1		ck.		
17	S.	1720		267-54	3.66				14.6	48.3	62.9		98.	CREEK 30' S. J.H.	
18		0	-							5.3			97		
19	N	1720		89-40	.58				7.3				96.	pg 15 L-66	
20															

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2nd Qu

elevation worked backward
 ne P 8

AREA _____ STATE or PROVINCE Alk. PAGE No. 15
 LINE No.(s) 22 PARTY No. 186 DATE 9 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. L. MAN RODMAN _____ WEATHER: 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		1320		89-40	.58			7.2	+7.8	0.6		261.3	✓	0	96.
2	✓			270-30	.87			10.9	+11.5	8.6				ck	
3		2140	-					7.7		+67+70	268.3	✓		Δ	
4	✓			270-10	.29			13.4	+6.2	17.2				ck	
5	S.	825		268-30	2.62			12.5	+2.6	34.1		234.2			95
6	0		-					5.3		5.3		263.0	0		
7	N	495	-					11.4		11.4		256.9			94.
8	N	1815	-					7.7		3.7		264.7	✓	0	93.
9	✓			270-20	.58			14.0	+10.5	36				ck	
10		2640	+1/2					12.5	+13.2	0.7	264.2	✓		Δ	
11	✓			270-10	.29			7.4	+7.7	0.3				ck	
12	S.	1320	+1/2					7.0	+6.6	1.2		263.0			92.
13	0		-					5.3		5.3		258.9			91.
14	N	1320	-1/2					14.2	+6.6	20.8		243.4			70.
15		2640		90-20	.58			14.3	+15.3	29.6	239.8	✓	0		89.
16	✓			269-30	.87			6.2	+23.0	29.2				ck	
17															
18															
19															
20															

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AREA _____ STATE or PROVINCE Alk. PAGE No. 16
 LINE No.(s) 66 PARTY No. 186 DATE 9 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROOPE WEATHER: CLEAR -10° 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												234.8	0	89		
2		2140		85-20	116			7.2	24.8	17.6	55	217.3	Δ			
3		✓		270-50	145			17.7	31.0	17.3			4.			
4	S.	825	-					17.8		7.8		215.5		88		
5		0	-					5.3								
6	N.	495	-	-1/2				17.9	26-25	20.5	10	196.8		87	CRICK 495' NORTH.	
7		1815		90-40	116			7.2	21.1	20.9	50.9	186.4	0	86		
8		✓		269-10	145			4.5	26.3	20.8			CK			
9		2640		91-30	2.62			8.7	49.2	47.9	170	204.5	Δ			
10		✓		260-35	2.47			17.0	45.2	48.2			CK			
11	S.	1320		267-40	4.07			12.0	33.7	25.7		198.8		85		
12		0	-					5.3		2.3		259.2		84		
13	N.	1320		+1/2				5.0	4.6	+3.6		248.1		83		
14		2440		+1/2				5.2	13.2	8.0	3.0	272.5	0	82		
15		✓		270-30	.87			14.9	23.0	18.1			CK			
16		1320	-					11.0		+11.0	111	283.6	Δ			
17	S.	✓		270-04	.12			12.8	7.6	+11.2			CK			
18		0	-					5.3		5.3		278.3		81		
19	N.	1085	-					8.7		2.7	27	274.9	0	80	66 I.P. AT 9.	
20		✓		270-20	.58			14.7	6.3	8.6			CK	80	63	

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See page 8 Line 66

AREA _____ STATE or PROVINCE ALK. PAGE No. 17
 LINE No.(s) 66. PARTY No. 181. DATE 10. 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				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													476.6	0	132	
2		2295		91-10	2.04				12.0	+46.8	58.2	591	535.7	Δ		
3		✓		218-40	2.33				5.5	+53.5	59.4			CK		
4	S.	175		219-05	6.74				7.0	17.0	26.0		509.7		131.	
5		0	-						5.3		5.3		530.4		-	TARGET
6	N	245	-						7.2		7.6		528.1		130.	
7		1115		71-05	1.74				14.0	29.0	430	430	492.7	0	129.	
8		✓		218-58	1.80				13.1	30.0	42.1			CK		
9		2140		87-50	3.78				1.2	99.8	98.1	928	394.9	Δ		
10		✓		272-20	4.07				7.7	107.4	97.5			CK		
11	S.	1320		272-05	3.44				8.9	46.1	37.2	430.1	432.1		128.	
12		0	-						5.3		5.3		389.6		127.	
13	N	1320		91-30	2.62				7.6	34.6	42.2		352.7		126.	
14		2140		91-05	1.74				13.8	85.9	59.7		336.0	0	125	
15		✓		218-50	2.04				2.1	52.9	60.0			CK		
16																elevations worked
17																backwards on
18																p 14.
19																
20																

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AREA _____ STATE or PROVINCE ARK. PAGE No. 18
 LINE No.(s) 66. PARTY No. 186. DATE 10. Day 4 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN T. T. 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											335.0	0	125.		
2		1320	-							9.2	344.2	A			
3	S.	✓		270-10	.29				3.8	9.3		CK			
4		0	-							5.3	33.89		124.		
5	N.	1320		+1/2					6.0	+0.6	344.8		123.		
6		2640		+1/2					10.4	+13.2	2.8	347.0	0	122.	
7		✓		270-20	.58				12.6	15.3	2.7			CK	
8		2640		+1/2					14.0	15.2	+0.3	348.0		A	
9		✓		270-10	.29				8.8	7.7	1.1			CK.	
10	S.	1320	-						10.8			337.2	121.		
11		0	-						5.3	3.3		342.7	120.		
12	N	1320		+1/2					10.1	+6.6	3.5	344.5	119.		
13		1815		+1/2					14.8	9.1	5.7	342.3	0		
14		✓		270-10	.29				17.0	15.3	3.7			CK.	
15															
16															
17															
18															
19															
20															

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AREA _____ STATE or PROVINCE ALR. PAGE No. 19
 LINE No.(s) 66 PARTY No. 166 DATE 10 Day 9 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T. WEATHER: 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																
2		2145		89-10	1.45								342.3	0	117	
3		✓		271-00	1.74									ck.		
4	S.	1320		270-20	.58										118.	
5		0	-												117.	
6	N.	1320		-1/2											116	
7		✓		269-40	1.58									ck		
8		2640	-													
9		✓		270-10	.29											
10	S.	1320		269-00	1.74										115.	
11		0	-												114.	
12	N	1320		+1/2											113.	
13		2640		+1/2											112	
14		✓		270-20	.58									ck.		
15																
16																
17																
18																
19																
20																

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D. D. 2nd

AREA _____ STATE or PROVINCE ALK. PAGE No. 20
 LINE No.(s) 16. PARTY No. 186. DATE 10. 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		A.B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1													316.5	0	112	
2		1815		+1/2					7.1	9.1	2.0 7.9	346.1		Δ		
3		✓		270-20	.87				14.1	75.8	1.7			ck.		
4	S.	495	-						3.4		3.4		311.2		111	
5		0	-						5.3		5.3		309.3		—	
6	N	825		-1/2					11.5	7.1	15.6		299.0		110	
7		2145		70-40	116				9.1	24.9	34.0 34.0		280.6	0	109.	
8		✓		267-27	.70				14.8	9.3	34.1			ck		
9		3135	-						5.4		16.4 15.6	286.2		Δ		
10		✓		170-07	.23				12.7	7.2	15.7			ck		
11		1815		228-40	2.33				11.4	72.3	53.7		223.25		108	
12	S.	495		267-00	5.23				13.1	25.9	29.0		247.2		107	
13		0	-		1				5.3		5.3		280.9		—	
14	N	825		28-40	2.33				5.7	19.2	18.5 18.5		299.7	0	106.	
15		✓		271-30	2.12				5.0	21.6	13.6			ck		
16		1320		-1/2					10.4	16.6	12.0 12.0	316.7		Δ		
17	S.	✓		269-30	.87				5.2	11.5	17.1			ck		
18		0	-						5.7		5.7		311.0	0	105.	
19																
20																

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see page 14 Line #66

AREA _____ STATE or PROVINCE ALK. PAGE No. 21
 LINE No.(s) 66. PARTY No. 186 DATE 11. Day 4. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. L. MAN RODMAN IT. 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	Correction				INST.	ROD			
1												225.5 ✓	Δ	150		
2		1720	-					8.3		83.483	233.8 ✓		Δ			
3	S.	✓		270-10	0.29			17.2	-3.8	8.4			CK			
4		0	-					5.8		5.8	228.0			149	16 - 149 18 - 8	
5																
6	N.	1720		+ 1/2				7.7	+6.6	1.1	232.7			148		
7		2240		+ 1/2				8.2	+13.2	5.0 449 ✓	238.7 ✓	Δ	147			
8		✓		270-20	58			10.5	+15.3	4.8			CK			
9		1815		91-00	1.74			17.7	+31.6	44.9 449 ✓	283.8 ✓	Δ				
10		✓		268-50	2.04			8.2	37.0	45.2			CK			
11	S.	495		- 1/2				17.5	2.5	76.0	267.8			146		
12		0	-					5.3								
13	N	225		89-30	.87			5.1	+7.2	+ 1.6	225.4			145		
14		2145		88-30	2.62			7.9	56.2	523.523 ✓	336.1	Δ	144			
15		✓		271-40	2.91			10.2	+62.4	52.2			CK			
16																
17																
18															elevations worked backwards re: p 17	
19																
20																

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AREA _____ STATE or PROVINCE ALX. PAGE No. 22
 LINE No.(s) 66 PARTY No. 186 DATE 11 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN T. ROUPE 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													336.1	0	144	
2		2640		90-54	1.57				12.2	+41.4	+53.6	+53.6	329.7	Δ		
3		✓		217-08	1.51				13.8	+39.9	+53.7			CK		
4	S.	1320		219-30	.87				13.3	71.5	24.8		364.9		143.	
5		0	-						5.3		3.3		384.4		142.	
6	N	1320	-						8.2		8.8		380.9		141.	
7		2145		-12					8.6	70.7	79.3	79.2	270.5	0		
8		✓		269-50	.29				12.7	6.2	79.1			CK		
9		3135		88-50	2.04				5.2	+64.0	38.2	37.0	312.6	Δ		
10		✓		271-18	2.27				13.6	71.2	57.6			CK		
11		2640		271-00	1.74				4.0	+45.9	+41.9		354.5		140	
12	S.	1320		262-50	2.04				12.6	26.9	35.5		272.1		139	✓
13		0	-						5.3		5.3		307.3		138	
14	N	495		89-30	.87				3.5	+4.3	0.8	0.8	313.4	0		
15		✓		271-00	1.74				7.8	+8.6	0.8			CK		
16																
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALK. PAGE No. 23.0
 LINE No.(s) 66. PARTY No. 186. DATE 11. Day 4. Mo. 75. Yr. BOOK No. _____
 SURVEYOR G. LYMAN RODMAN T.T. 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											313.4	0			
2		2145		89-10	1.45			7.3	31.1	28.8	289.8	Δ			
3		✓		271-00	1.74			13.8	37.3	22.5		ck			
4	S.	1930	-					7.4		9.4	280.4		137.		
5		0	-					5.3		3.3	284.5		136.		
6	N	1320		87-20	4.65			17.4	+61.4	+48.0	337.8	0	135.		
7		✓		272-44	4.76			14.9	+62.8	+47.9		ck			
8		2640		92-10	3.78			12.0	+99.2	+111.8	449.6	Δ			
9		✓		267-40	4.07			4.5	+107.4	+111.9		ck			
10	S.	1220		267-40	4.07			10.0	33.7	63.7	385.9		134		
11		0	-					5.3		3.3	444.3		133.		
12	N.	1320		88-30	2.62			7.6	+34.6	+27.0	476.6	0	132.	BEND IN LINE	
13		✓		271-40	2.91			11.5	38.4	+26.9		ck		ELV. WORKED	
14														BACK TO SP 150.	
15														RE: PAGE 17.	
16															
17															
18															
19															
20															

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AREA _____ STATE or PROVINCE ALC. PAGE No. 24
 LINE No.(s) 66. PARTY No. 186. DATE 12. Day 4 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROUDE 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											517.2	0	24	900. EP.	
2														SOUTH. END.	
3		165.0		91-20	2.33			11.8	+38.4	+50.2	567.7	A			
4	S.	990		92-00	3.49			6.4		-40.9	526.3		900.		
5		0						5.3		-5.3	561.9		900.		
6	N	87						6.0		6.0	561.4		TR.	TARGET TOP	
7														of HILL (TELLUR	
8														- POINT).	
9															
10	N	660		91-00	1.74			11.8	11.5	23.8	543.6	0	900.		
11		✓		268-50	2.04			9.9	13.5	22.4			CK.		
12		2970		88-30	2.62			7.0	77.8	70.8	473.0	A			
13		✓		271-36	2.79			12.5	82.9	70.4			CK.		
14	S.	1990		271-20	2.33			6.3		-39.8	433.2		900.		
15		0						5.3		-5.3	467.7		900.		
16	N	1720		90-30	.87			13.1		-24.6	418.4		900.		
17		2475		90-30	.87			5.2	21.5	26.7	446.2	0	162.		
18		✓		269-40	.58			12.5	14.4	26.9			CK		
19															
20															

TI-588B

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MDL

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L. Dunt

Dunt 2nd

AREA _____ STATE or PROVINCE ALX PAGE No. 25
 LINE No.(s) 26 PARTY No. 186 DATE 12 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROUPE WEATHER: CLEAR / COLO. 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	Correction				INST.	ROD			
1												446.2	o	162		
2		1320		89-30	.87			10.7	11.6	-0.8	445.5		Δ			
3	S.	✓		270-40	1.16			14.2	15.3	0.6			ck			
4		0	-					5.3		-5.3		440.2		161		
5	N	1370		91-00	1.24			6.8		-29.8		445.7		160		
6		2140		91-00	1.74			7.6	45.9	33.5	337	391.8	o	159		
7		✓		269-07	1.54			13.1	40.7	53.2			ck			
8		2140		87-00	1.74			15.2	45.9	35.7	356	356.2	Δ			
9		✓		270-50	1.15			7.0	38.3	35.3			ck			
10	S.	1720		270-50	1.15			9.4		+9.8		366.0		158		
11		0	-					5.3		-5.3		350.9		157		
12	N	1320		90-30	.87			13.8		-25.3		330.9		156		
13		1815		90-40	1.16			14.0	21	351	321	321.1	o			
14		✓		269-10	1.15			8.7	26.3	35.0			ck			
15		2140		88-20	2.91			5.1	62.3	371	370	264.1	Δ			
16		✓		271-50	3.20			11.2	68.5	56.9			ck			
17	S.	1320		271-30	2.12			10.5		+24.0		288.1		155		
18		0	-					5.3		-5.3		258.8		154		
19	N	1320		90-30	.87			3.3	11.5	18.9	182	245.3	o	153		
20		✓		269-40	.58			11.2	7.7	18.9			ck			

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Quint 2nd

AREA _____ STATE or PROVINCE ALK. PAGE No. 26
 LINE No.(s) 66 PARTY No. 186 DATE 12 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN 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												245.3	0	153		
2		2140		89-00	1.74				5.1	37.2	32.1	213.2	✓			
3		✓		79-10	2.04				11.5	33.7	32.2		ck.			
4	S	825		77-00	1.74				8.0		+6.4	219.6		152		
5		0	-						5.3					-		
6	N	495		91-23	2.41				7.0		-14.9	198.3		151	SHANING ANOK CREEK 100' N.	
7																
8																
9	N.	1210		89-10	1.45				13.9	26.2	22.3	225.5	0	150		
10		✓		77-40	1.16				8.8	21.0	22.2		ck		FLV. WORKED BACK TO SP 162.	
11															see page 25	
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-888B

WORKED BY MDC

CHECKED BY 1st L. D. D.

D. D. 2nd