

MB 151



W. E. B. DUBOIS

No. 380

MICROFILMED

MB N^o 151

INDEXED 2-14-62

ANCHOR STAKES

N65 - W

N64 - W

N63 - W

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N60 - W

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W74 - N

W75 - N

W76 - N

W77 - N

W

SOUNDINGS SELV. CABRILLO ISLAND
& VICINITY WLY. W.O. 64501

STA. N. 64+00; 0+00 = W. 7,200; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			11.5		6.4
(5.1)	0.6	+4.5	50 11.5		6.4
	2.7	+2.4		11.9	6.8
	3.8	+1.3		11.9	6.8
	5.0	+0.1		11.8	6.7
50	6.6	1.5		11.8	6.7
	9.4	4.3	3+00	11.8	6.7
<u>10:55</u>	10.1	5.0		11.8	6.7
	9.8	4.7		11.8	6.7
	10.2	5.1		11.4	6.3
1+00	10.0	4.9		11.9	6.8
	10.4	5.3	50	11.9	6.8
	10.4	5.3		11.9	6.8
	10.2	5.1	11:00	11.7	6.6
	10.2	5.1		11.6	6.5
50	10.2	5.1		11.6	6.5
	10.5	5.4	4+00	11.6	6.5
	10.5	5.4		11.9	6.8
	10.7	5.6		11.4	6.3
	10.8	5.7		11.2	6.1
2+00	10.9	5.8		11.3	6.2
	11.0	5.9	50	11.3	6.2
	11.1	6.0		11.1	6.0
	11.3	6.2		10.1	5.0
				7.1	2.0
			90	3.6	+1.5

See M.B.N. #150
FOR B/L. 7-10-61

STA. N. 62+00; 0+00 = W. 7,270; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
			(5.1)	17.8	12.7
	2.2	+2.9	50	17.7	12.6
(5.1)	4.0	+1.1		17.7	12.6
	6.3	1.2		17.9	12.8
	8.5	3.4		17.9	12.8
50	8.9	3.8		18.0	12.9
	9.3	4.2	3+00	18.0	12.9
<u>11:10</u>	9.8	4.7		18.0	12.9
	13.1	8.0	11:15	16.8	11.7
	16.4	11.3		11.2	6.1
1+00	17.3	12.2		11.1	6.0
	17.4	12.3	50	11.1	6.0
	17.4	12.3		11.2	6.1
	17.4	12.3		11.0	5.9
	17.4	12.3		11.6	6.5
50	17.4	12.3		12.0	6.9
	17.5	12.4	4+00	12.9	7.8
	17.6	12.5		13.5	8.4
	17.6	12.5		15.1	10.0
	17.6	12.5		15.4	10.3
2+00	17.6	12.5		15.6	10.5
	17.8	12.7	50	15.6	10.5
	17.9	12.8		15.5	10.4
	18.0	12.9		15.4	10.3

STA. N. 62+00 - WEST 7-10-61

DIST	Sound	ELEV	DIST	Sound	ELEV
(5.1)	15.1	10.0			
	14.8	9.7			
5+00	14.6	9.5	50		
<u>11:20</u>	13.5	8.4			
	12.2	7.1			
	2.3	+2.8			
	0.0	+5.1			

50

8+00

6+00

50

50

9+00

7+00

7-10-61

(2)

STA. N. 60+00: 0+00 = W. 7,320 ; SOUND WEST

DIST	Sound	ELEV	DIST	Sound	ELEV
0+00			(5.1)	13.8	8.7
(5.1)			50	14.1	9.0
	0.0	+5.1		14.2	9.1
	4.0	+1.1		14.3	9.2
	6.9	1.8		14.3	9.2
50	8.2	3.1		14.3	9.2
	9.0	3.9	3+00	14.3	9.2
<u>11:25</u>	10.0	4.9		14.9	9.8
	10.8	5.7		15.5	10.4
	14.6	9.5		16.1	11.0
1+00	15.8	10.7		16.6	11.5
	16.0	10.9	50	16.7	11.6
	15.6	10.5		16.7	11.6
	15.6	10.5	<u>11:30</u>	16.6	11.5
	15.5	10.4		16.8	11.7
50	15.9	10.8		16.8	11.7
	16.0	10.9	4+00	16.5	11.4
	16.1	11.0		16.3	11.2
	16.1	11.0		16.1	11.0
	16.0	10.9		16.1	11.0
2+00	16.1	11.0		16.2	11.1
	16.3	11.2	50	16.1	11.0
	16.4	11.3		16.2	11.1
	16.0	10.9		16.2	11.1

STA. N. 60+00 - WEST 7-10-61

DIST SOUND ELEV DIST SOUND ELEV

(51)	16.0	10.9		
	15.9	10.8		
5+00	16.0	10.9	50	
	16.0	10.9		
	16.0	10.9		
	15.9	10.8		
	15.8	10.7		
50	15.8	10.7	8+00	
	15.4	10.3		
	15.2	10.1		
	15.5	10.4		
	15.3	10.2		
6+00	15.6	10.5	50	
	15.5	10.4		
11:45	15.7	10.6		
	15.5	10.4		
	15.2	10.1		
50	14.6	9.5	9+00	
	13.4	8.3		
	7.7	2.6		
	4.8	+0.3		
	3.7	+2.0		
7+00	0.7	+4.4		

7-10-61

(3)

STA. N. 74+00 - 0+00 = N. 5,900 ; SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

0+00			(52)	16.9	11.2
(52)			50	16.7	11.5
				16.7	11.5
	0.5	+4.7		17.0	11.8
	1.8	+3.4		17.3	12.1
50	4.0	+1.2		17.6	12.4
	6.2	1.0	3+00	17.6	12.4
12:55	8.9	3.7		17.8	12.6
	9.8	4.6		17.9	12.7
	10.1	4.9		17.8	12.6
1+00	10.4	5.2		17.8	12.6
	11.5	6.3	50	17.2	12.0
	12.1	6.9		15.7	10.5
	12.3	7.1		12.6	10.4
	12.9	7.7		11.1	5.9
50	13.8	8.6		11.2	6.0
	14.6	9.4	4+00	11.1	5.9
	15.1	9.9		11.1	5.9
	15.1	9.9		11.2	6.0
	14.5	9.3		11.2	6.0
2+00	14.6	9.4		11.3	6.1
	14.6	9.4	50	11.3	6.1
	15.2	10.0		11.3	6.1
	16.0	10.8		11.3	6.1

STA. W. 74+00 - NORTH 7-10-61

DIST	Sound	Elev
(52)	11.1	5.9
	10.8	5.6
5+00	10.7	5.5
	10.7	5.5
<u>11.00</u>	10.6	5.4
	10.5	5.3
	10.3	5.1
50	10.0	4.8
	9.5	4.3
	9.0	3.8
STERN,	9.0	3.8
L.S.M.A	8.8	3.6
6+00		

7+00

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STA. W. 76+00 - NORTH 5,660

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(52)	14.7	9.5
(52)			50	14.6	9.4
				14.5	9.3
	0.5	+4.7		14.4	9.2
	2.3	+2.9		14.4	9.2
50	3.0	+2.2		14.6	9.4
	3.3	+1.9	3+00	14.7	9.5
<u>11.10</u>	3.9	+1.3		14.7	9.5
	6.9	1.7		14.5	9.3
	12.5	7.3		14.4	9.2
1+00	12.1	6.9		14.4	9.2
	12.4	7.2	50	14.4	9.2
	12.9	7.7		14.4	9.2
	13.2	8.0		14.7	9.5
	13.8	8.6		14.9	9.7
50	14.0	8.8		17.3	12.1
	14.4	9.2	4+00	17.9	12.7
	14.6	9.4		18.0	12.8
	14.9	9.7		18.1	12.9
	14.9	9.7		18.2	13.0
2+00	14.7	9.5		18.0	12.8
	14.4	9.2	50	18.1	12.9
	14.4	9.2		18.0	12.8
	14.6	9.4		17.8	12.6

STA. W. 76+00 - NORTH 7-10-61

DIST SOUND ELEV DIST SOUND ELEV

52	17.9	12.7	52	11.3	6.1
	17.9	12.7		11.9	6.7
5+00	17.2	12.0	50	11.5	6.3
	14.1	8.9		11.5	6.3
	13.6	8.4		11.9	6.7
	11.0	5.8		12.0	6.8
	11.1	5.9		11.7	6.5
50	11.4	6.2	8+00	11.7	6.5
	11.7	6.5		11.3	6.1
<u>11.15</u>	11.9	6.7		11.3	6.1
	12.0	6.8		11.3	6.1
	11.9	6.7		11.3	6.1
6+00	13.0	7.8	9+00 ⁵⁰	11.1	5.9
	12.4	7.2		11.0	5.8
	12.1	6.9		11.0	5.8
	11.8	6.6		10.4	5.2
	11.4	6.2		9.9	4.7
50	11.6	6.4	9+00	10.0	4.8
	11.4	6.2		9.8	4.6
	11.4	6.2	<u>11.20</u>	9.1	3.9
	11.4	6.2		8.1	2.9
	11.6	6.4		6.0	0.8
7+00	11.6	6.4	50	2.8	+2.4
	11.7	6.5	Toe of	1.3	+3.9
	11.4	6.2	Dike		
			N. Bridge		

7-10-61

STA. W. 78+00 TO 10+00 = N. 5,500

DIST SOUND ELEV DIST SOUND ELEV

0+00			52	14.5	9.3
			50	14.5	9.3
				14.5	9.3
				14.8	9.6
				14.8	9.6
50	0.6	+4.6		14.8	9.6
	1.8	+3.4	3+00	14.9	9.7
<u>11.30</u>	3.3	+1.9		14.9	9.7
	5.9	0.7		15.0	9.8
	9.9	4.7		15.0	9.8
1+00	11.8	6.6		15.1	9.9
	12.5	7.3	50	15.5	10.3
	12.5	7.3		16.1	10.9
	12.5	7.3		16.3	11.1
	12.5	7.3		16.4	11.2
50	12.9	7.7		16.5	11.3
	13.0	7.8	4+00	16.5	11.3
	14.3	9.1		16.6	11.4
	14.7	9.5		16.4	11.2
	14.9	9.7		16.4	11.2
2+00	14.8	9.6		16.4	11.2
	14.7	9.5	50	16.3	11.1
	14.5	9.3		16.4	11.2
	14.5	9.3		16.4	11.2

⑤

STA. W. 78+00 - NORTH		
DIST	Sound	Elev
(57)	16.3	11.1
	16.3	11.1
5+00	16.2	11.0
	16.2	11.0
	16.0	10.8
	15.6	10.4
	15.6	10.4
50	15.7	10.5
	15.7	10.5
	15.7	10.5
	15.5	10.3
	15.6	10.4
6+00	15.6	10.4
	15.8	10.6
11.35	15.7	10.5
-	15.7	10.5
	15.5	10.3
50	15.1	9.9
	14.0	8.8
	12.8	7.6
	9.4	4.2
	5.8	0.6
7+00	1.7	+3.5

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STA. W. 80+00 - CHD = N 5.410			SOUND NORTH		
DIST	Sound	Elev	DIST	Sound	Elev
0+00			(52)	15.0	9.8
			50	15.0	9.8
(52)				15.0	9.8
				15.0	9.8
				15.0	9.8
	0.5	+4.7		15.0	9.8
50	2.0	+3.2		15.2	10.0
	3.3	+1.9	3+00	14.9	9.7
1.50	5.6	0.4		15.0	9.8
	8.0	2.8		14.9	9.7
	14.4	9.2		14.9	9.7
1+00	15.4	10.2		14.8	9.6
	15.1	9.9	50	14.8	9.6
	15.1	9.9		14.8	9.6
	15.3	10.1		14.8	9.6
	15.1	9.9		14.9	9.7
50	15.2	10.0		15.0	9.8
	15.1	9.9	4+00	15.0	9.8
	15.0	9.8		15.0	9.8
	15.0	9.8		14.8	9.6
	15.2	10.0		15.0	9.8
2+00	15.0	9.8		15.0	9.8
	14.8	9.6	50	15.0	9.8
	14.8	9.6		14.7	9.5
	15.0	9.8		14.9	9.7

BEGIN MUCK

STA. W. 82400-NORTH

DIST SOUND ELEV DIST SOUND ELEV

(5.2) 13.5 8.3

13.5 8.3

5400 13.5 8.3

13.6 8.4

2115 13.6 8.4

13.4 8.2

MUCK, 13.5 8.3

50 13.5 8.3

STILL 13.6 8.3

HERE 13.5 8.3

13.1 7.9

5.4 0.2

6400 1.0 +4.2

50

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(8)

STA. W. 84400; 0400=N. 5, 250 SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

0400 (52) 14.0 8.8

(52) 50 14.0 8.8

13.8 8.6

13.9 8.7

0.2 +5.0 13.6 8.4

50 1.3 +3.9 13.6 8.4

7.0 1.8 3400 13.8 8.6

2125 9.8 4.6 13.6 8.4

12.3 7.1 13.9 8.7

13.7 8.5 13.9 8.7

1400 13.7 8.5 13.8 8.6

13.9 8.7 50 13.8 8.6

13.7 8.5 13.3 8.1

13.9 8.7 13.3 8.1

14.0 8.8 13.3 8.1

50 14.0 8.8 13.1 7.9

14.0 8.8 4400 13.1 7.9

14.5 9.3 13.3 8.1

14.2 9.0 13.3 8.1

14.0 8.8 13.8 8.6

2400 14.0 8.8 13.5 8.3

14.0 8.8 50 13.1 7.9

14.0 8.8 13.1 7.9

14.0 8.8 13.3 8.1

STA. W. 84+00-NORTH

Dist Sound Elev Dist Sound Elev

(5.2) 13.2 8.0

13.5 8.3

5+00 13.8 8.6

13.9 8.7

13.8 8.6

13.8 8.6

13.5 8.3

50 13.8 8.6

13.8 8.6

13.4 8.2

13.3 8.1

13.1 7.9

6+00 13.0 7.8

12.4 7.2

7.1 1.9

2.1 +3.1

50

7+00

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9

STA. W. 86+00-CROSS-N. 5,230 SOUND NORTH

Dist Sound Elev Dist Sound Elev

8+00

(52) 13.1 7.9

50 13.2 8.0

0.2 +5.0 13.1 7.9

2.9 +2.3 13.1 7.9

6.4 1.2 13.2 8.0

50 12.1 6.9 13.4 8.2

11.2 6.0 3+00 13.7 8.5

2:45 12.0 6.8 13.8 8.6

12.5 7.3 2:50 13.8 8.6

12.5 7.3 13.8 8.6

1+00 12.5 7.3 13.8 8.6

12.5 7.3 50 13.9 8.7

12.8 7.6 13.8 8.6

12.8 7.6 14.0 8.8

13.0 7.8 13.8 8.6

50 13.0 7.8 13.5 8.3

13.0 7.8 4+00 13.5 8.3

12.5 7.3 13.5 8.3

12.8 7.6 13.5 8.3

13.0 7.8 13.7 8.5

2+00 13.0 7.8 13.5 8.3

13.2 8.0 50 13.5 8.3

13.2 8.0 13.5 8.3

13.2 8.0 13.4 8.2

LOTS OF MUCK

STA. W. 86400 - NORTH 7-10-61

DIST SOUND ELEV DIST SOUND ELEV

(52) 13.6 8.4

13.6 8.4

5400 13.5 8.3

13.6 8.4

13.6 8.4

13.7 8.5

13.4 8.2

50 13.4 8.2

13.4 8.2

2,55 13.1 7.9

13.0 7.8

13.0 7.8

6400 13.0 7.8

12.8 7.6

12.6 7.4

9.7 4.5

4.4 +0.8

50

7400

(70)

STA. W. 88400; 0400 = N. 5, 180 SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

0400

50

50

3400

1400

50

50

4400

2400

50

STA. W. 88100 - NORTH
 DIST SOUND ELEV DIST SOUND ELEV

5+00

50

6+00

50

7+00

7-12-61
 STA. W. 90401000 = N. 5, 180 SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

0+00

53

9.35

~~9.35~~

1+00

2+00

DIST	SOUND	ELEV	DIST	SOUND	ELEV
			53	12.8	7.5
			50	12.9	7.6
	0.0	+5.3		12.7	7.4
	2.3	+3.0		12.4	7.1
	4.1	+1.2		12.5	7.2
50	5.7	0.4		12.5	7.2
	7.9	2.6	3+00	12.5	7.2
	10.9	5.6		12.7	7.4
	12.0	6.7		11.3	6.0
	12.7	7.4		11.9	6.6
1+00	12.5	7.2		13.6	8.3
	13.0	7.7	50	12.1	6.8
	12.8	7.5		12.3	7.0
	12.7	7.4		12.0	6.7
	12.1	6.8		11.6	6.3
50	12.5	7.2		12.0	6.7
	12.3	7.0	4+00	12.4	7.1
	12.0	6.7		12.2	6.9
	12.2	6.9		12.0	6.7
	12.0	6.7		11.9	6.6
2+00	12.0	6.7		12.0	6.7
	11.8	6.5	50	12.6	7.3
	11.7	6.4		12.4	7.1
	12.8	7.5		12.5	7.2

LOTS OF MUCK !!

STA. W. 90+00 - NORTH

DIST SOUND ELEV DIST SOUND ELEV

53 12.3 7.0

12.4 7.3

5+00 12.5 7.2

12.6 7.3

12.3 7.0

12.3 7.0

12.6 7.3

50 12.3 7.0

12.4 7.1

12.0 6.7

12.5 7.2

12.1 6.8

6+00 12.2 6.9

12.0 6.7

12.1 6.8

12.1 6.8

12.1 6.8

50 12.0 6.7

12.4 7.1

12.5 7.2

11.9 6.6

8.5 3.2

7+00 3.7 4.6

STA. W. 92+00 - NORTH = N. 5, 150

DIST SOUND ELEV DIST SOUND ELEV

0+00

50

50

3+00

1+00

50

50

4+00

2+00

50

STA. W. 92+00 - NORTH
 Dist Sound Elev Dist Sound Elev

5+00

50

6+00

50

7+00

7-12-61

(23)

STA. W. 94+00? 0+100 = N 5,240; SOUND NORTH
 Dist Sound Elev Dist Sound Elev

0+00

(5.3)

10:05

~~10:05~~

5.8

50

1+00

50

2+00

(5.3)

50

3+00

4+00

50

12.3

12.2

12.1

12.6

13.1

13.2

13.4

13.2

12.8

12.6

12.2

50

12.0

12.5

13.5

13.7

13.4

13.5

13.5

13.6

13.4

13.2

13.1

13.1

13.1

7.0

6.9

6.8

7.3

7.8

7.9

8.1

7.9

7.5

7.3

6.9

6.7

7.2

8.2

8.4

8.1

8.2

8.2

8.3

8.1

7.9

7.8

7.8

7.8

STA. W. 94+00 - NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(53)	13.2	7.9	(53)	3.3	+2.0
	13.0	7.7			
5+00	12.8	7.5	50		
	12.9	7.6			
	12.9	7.6			
	12.9	7.6			
	12.8	7.5			
50	12.7	7.4	8+00		
	13.1	7.8			
	12.6	7.3			
	12.5	7.2			
	12.5	7.2			
6+00	12.6	7.3			
	12.5	7.2			
	12.5	7.2			
	12.5	7.2			
	12.4	7.1			
50	12.5	7.2			
	12.4	7.1			
	12.4	7.1			
	12.4	7.1			
	12.5	7.2			
7+00	11.4	6.1			
	9.9	4.6			
	7.6	2.3			

STA. W. 96+00 / 0+00 = N. 5.280 SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
0+00					
			50		
			50		
			3+00		
			1+00		
			50		
			4+00		
			2+00		
			50		

STA. W. 96+00 - NORTH
 Dist Sound Elev Dist Sound Elev

5+00

50

50

8+00

6+00

50

50

9+00

7+00

7-12-61

STA. W. 98+00 - OLD - N. 5310 SOUND NORTH
 Dist Sound Elev Dist Sound Elev

0+00

(5.2)

10:35

4.7

50

1+00

50

2+00

(5.2)

50

3+00

50

4+00

50

11.9 6.7

11.9 6.7

12.0 6.8

11.6 6.4

11.9 6.7

11.4 6.2

11.7 6.5

12.1 6.9

12.0 6.8

12.0 6.8

12.1 6.9

12.1 6.9

12.1 6.9

11.9 6.7

11.9 6.7

11.8 6.6

11.9 6.7

11.9 6.7

11.7 6.5

11.9 6.7

11.7 6.5

11.7 6.5

11.7 6.5

11.9 6.7

12.0 6.8

12.1 6.9

STA. W. 98100-NORTH			7-12-61		
DIST	Sound	Elev	DIST	Sound	Elev
(52)	12.0	6.8	(52)	12.4	7.2
	11.9	6.7		12.8	7.6
5+00	11.9	6.7	50	12.6	7.4
	12.4	7.2		12.5	7.3
	12.6	7.4		12.7	7.5
	12.8	7.6		12.6	7.4
	13.2	8.0		12.7	7.5
50	13.2	8.0	8+00	12.9	7.7
	13.1	7.9		12.5	7.3
	13.0	7.8		12.9	7.7
	13.1	7.9		13.0	7.8
	13.6	8.4		12.7	7.5
6+00	13.0	7.8	50	12.7	7.5
	13.3	8.1		12.8	7.6
	13.3	8.1		12.8	7.6
	13.2	8.0		12.5	7.3
	13.2	8.0		12.2	7.0
50	13.2	8.0	9+00	12.3	7.1
	13.0	7.8		12.2	7.0
	13.4	8.2		12.0	6.8
	13.1	7.9		11.6	6.4
	12.3	7.1		11.6	6.4
7+00	12.2	7.0	50	11.8	6.6
	12.3	7.1		11.7	6.5
	12.9	7.7		12.0	6.8

STA. W. 98100-NORTH			(76)		
DIST	Sound	Elev	DIST	Sound	Elev
(52)	11.9	6.7			
	12.2	7.0			
10+00	12.1	6.9			
	11.9	6.7			
	11.6	6.4			
	11.5	6.3			
	11.0	5.8			
50	10.0	4.8			
	8.1	2.9			
	9.0	3.8			
	7.6	2.4			
	6.9	1.7			
11+00	5.6	0.4			
	4.4	+0.8			
	3.9	+1.3			
	2.5	+2.7			
	1.7	+3.5			
50	1.5	+3.7			
	0.6	+4.6			
	0.3	+4.9			

7-31-61

STA. N. 71+00; 0+00 = W 9,870' SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(5.5)	14.5	
(5.5)			50	14.7	
	0.2			14.5	
	2.9			14.6	
	5.5			14.8	
50	11.2			14.7	
	13.3		3+00	14.6	
1:30	15.0			14.7	
~	15.3			14.9	
	15.1			14.8	
1+00	15.3			15.0	
	15.2		50	15.2	
	15.2			15.6	
	15.0			15.6	
	15.0			15.8	
50	14.9			16.1	
	15.0		4+00	15.6	
	15.0			15.5	
	14.7		1:35	15.5	
	14.8		~	14.8	
2+00	14.7			14.9	
	14.7		50	15.8	
	14.5			15.9	
	14.6			16.3	

STA. N. 71+00 - WEST

DIST SOUND ELEV DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(5.5)	16.1				
	16.4				
5+00	16.1		50		
	16.4				
	15.9				
	15.7				
	15.5				
50	15.6		8+00		
	15.5				
	15.6				
	15.6				
	15.0				
6+00	14.4		50		
	15.2				
	14.4				
	14.3				
	14.0				
50	14.0		9+00		
	13.2				
1:40	12.4				
~	10.9				
	6.9				
7+00	3.0				

(See Sta. N72, Pg. 33)

7-31-61

STA. N. 73+00 - WEST

(20)

STA. N. 73+00 - W. 9, 970 SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV
			(5.2)	14.6		(52)	14.7	
0+00				14.3			14.7	
(53)			50	14.1		5+00	14.6	50
	0.0			14.1			14.7	
	2.0			14.0			14.2	
50	6.0			14.4			14.8	
	12.2		3+00	15.5			14.9	2:10
2:00	15.1			18.0		50	14.9	14.2
	15.6			17.0			15.0	0.
	15.4			15.8			14.9	
1+00	15.6			15.3			15.0	
	15.6		50	15.0			15.0	
	15.7			15.2			15.1	
	15.6			15.5		6+00	15.0	50
	15.5		2:05	15.5			14.7	
	15.5			15.3			15.0	
50	15.5			15.2			15.0	
	15.6		4+00	15.1		50	15.2	9+00
	15.4			15.2			15.0	
	15.4			15.1			15.0	
	15.3			14.6			15.4	
2+00	15.4			14.6			15.2	
	15.3		50	14.7		7+00	15.7	
	15.3			14.5			15.6	
	15.1			14.8			15.8	

7-31-61

STA N. 74700			DIREN. W. 10030			SOUND WEST		
DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV
			(52)	17.4	12.2			
0+00			50	16.6	11.4			
(5.2)				16.6	11.4			
				16.0	10.8			
	0.0	+5.2		15.7	10.5			
50	6.5	1.3		16.1	10.9			
	10.6	5.4	3+00	15.3	10.1			
2:20	12.9	7.7		15.3	10.1			
	14.0	8.8		15.5	10.3			
	14.1	8.9		15.6	10.4			
1+00	15.0	9.8		16.1	10.9			
	15.7	10.5	50	16.5	11.3			
	15.8	10.6		16.6	11.4			
	15.9	10.7		16.3	11.1			
	16.0	10.8		16.5	11.3			
50	16.0	10.8		16.9	11.7			
	16.0	10.8	4+00	16.9	11.7			
	16.3	11.1		16.8	11.6			
	16.5	11.3		16.7	11.5			
	16.7	11.5		16.1	10.9			
2+00	16.9	11.7		15.2	10.0			
	16.9	11.7	50	15.2	10.0			
	17.0	11.8		15.2	10.0			
	17.8	12.6		15.3	10.1			

STA N. 74700 - WEST (2)

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(52)	14.7	9.5	(51)	15.6	10.5
	15.0	9.8		15.5	10.4
5+00	15.2	10.0	50	15.1	10.0
	14.5	9.3		15.3	10.2
	15.1	9.9	2:25	14.0	8.9
	14.7	9.5		14.1	9.0
	14.9	9.7		14.4	9.3
50	14.9	9.7	8+00	14.8	9.7
	14.8	9.6		15.0	9.9
	14.8	9.6		15.0	9.9
	14.7	9.5		15.3	10.2
	14.9	9.7		16.2	11.1
6+00	15.0	9.8	50	15.2	10.1
	15.2	10.0		14.7	9.6
	15.0	9.8		15.1	10.0
	15.3	10.1		14.8	9.7
	15.6	10.4		11.8	6.7
50	15.1	9.9	9+00	10.4	5.3
	16.1	10.9		6.7	1.6
	16.6	11.4		3.4	+1.7
	16.2	11.0			
	15.5	10.3			
7+00	15.7	10.5			
	15.2	10.0			
	15.2	10.0			

8-01-61

STA. N. 75+00 - WEST
DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(19)	13.4	
(19)			50	13.2	
				12.9	
				13.0	
	5.7			13.2	
50	8.8			13.9	
	9.7		3+00	14.1	
9:35	10.9			14.1	
	11.8			13.9	
	11.8			13.0	
1+00	11.8			13.8	
	12.0		50	13.9	
	12.0			14.0	
	12.0			14.0	
	12.0			13.7	
50	12.0			13.9	
	12.1		4+00	14.0	
	12.1			14.0	
	12.2			14.5	
	12.3			13.9	
2+00	12.4			13.1	
	12.6		50	12.8	
	12.6			13.2	
	13.0			13.0	

STA. N. 75+00 - WEST

DIST SOUND ELEV DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(20)	12.7		(21)	12.8	
	13.5			12.8	
5+00	13.8		50	12.6	
	13.8			12.5	
	12.4			11.6	
	12.1			11.0	
	12.1			11.2	
	12.0		50	12.0	
8+00	12.0			11.4	
9:40	12.0			11.3	
	12.0			12.0	
	11.9		9:45	12.0	
	11.9			12.0	
6+00	11.9		50	11.9	
	11.8			11.9	
	11.9			11.8	
	12.0			11.8	
	12.1			11.5	
50	12.4		9+00	10.1	
	12.0			10.1	
	12.1			7.1	
	12.1			2.3	
	12.1				
7+00	12.0				
	12.3				
	12.5				

(22)

8-01-61

STA. N. 76+00 - WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			22	13.5	11.3
			50	13.9	11.7
				13.8	11.6
				13.9	11.7
				14.0	11.8
50				13.5	11.3
	3.4	1.2	3+00	12.5	10.3
9:55	9.1	6.9		10.4	8.2
	10.6	8.4		10.5	8.3
	12.6	10.4		10.6	8.4
1+00	13.0	10.8		10.6	8.4
	13.0	10.8	50	11.0	8.8
	12.9	10.7		11.4	9.2
	12.9	10.7		11.2	9.0
	13.0	10.8		11.2	9.0
50	12.9	10.7		11.3	9.1
	13.0	10.8	4+00	12.0	9.8
	13.3	11.1		12.1	9.9
	13.3	11.1		12.3	10.1
	13.6	11.4		12.1	9.9
2+00	13.3	11.1		12.1	9.9
	12.6	10.4	50	12.1	9.9
	13.0	10.8		12.0	9.8
	13.3	11.1		12.0	9.8

STA. N. 76+00 - WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
23	12.3	10.0	24	12.3	9.9
	12.5	10.2		12.0	9.6
5+00	12.8	10.5	50	12.5	10.1
	12.6	10.3		12.0	9.6
	12.5	10.2		11.0	8.6
	12.4	10.1		10.6	8.2
	12.1	9.8		11.0	8.6
50	12.2	9.9	8+00	11.4	9.0
	12.1	9.8		11.7	9.3
	12.4	10.1		11.5	9.1
	12.0	9.7		11.9	9.5
	12.1	9.8		11.8	9.4
6+00	12.0	9.7	50	11.8	9.4
	12.0	9.7		11.7	9.3
	12.1	9.8	10:05	11.9	9.5
10:00	12.2	9.9		11.9	9.5
	12.1	9.8		12.0	9.6
50	12.0	9.7	9+00	11.0	8.6
	12.1	9.8		8.0	5.6
	12.0	9.7		0.5	+1.9
	12.2	9.9			
	12.4	10.1			
7+00	12.2	9.9			
	12.2	9.9			
	12.4	10.1			

8-01-61

STAN. 77400 - CHOD-W. 10,290 : SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(26)	12.7	
(2.5)			50	12.6	
				13.0	
				13.0	
				13.1	
50	0.0			13.1	
	3.5		3+00	13.0	
10:10	7.0			13.0	
	8.8			13.0	
	10.0			13.0	
1+00	10.6			13.1	
	10.6		50	13.1	
	10.5			13.1	
	10.8		10:15	13.3	
	10.9			13.1	
50	10.9			13.2	
	11.0		4+00	13.2	
	11.5			13.2	
	12.0			13.2	
	12.2			13.2	
2+00	12.4			13.0	
	12.5		50	13.0	
	12.7			12.9	
	12.9			12.8	

STAN. 77400 - WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(26)	12.9		(27)	12.0	
	13.0			12.1	
5+00	13.0		50	12.0	
	13.0			11.9	
	13.0			11.4	
	13.0		10:20	11.3	
	13.2			11.5	
50	13.2		8+00	11.4	
	12.4			11.3	
	12.9			11.2	
	12.8			11.2	
	12.1			11.2	
6+00	12.1		50	11.4	
	12.3			11.2	
	12.1			9.9	
	12.1			5.8	
	12.2			1.2	
50	12.3		9+00		
	12.1				
	12.1				
	12.1				
	12.1				
7+00	12.2				
	12.2				
	12.2				

8-07-61

STA. N. 78+00.0+00=W. 10.400 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(29)	13.4	10.5
			50	13.6	10.7
(28)				13.3	10.4
				13.2	10.3
	1.6	+1.2		13.5	10.6
50	4.0	1.2		13.6	10.7
	5.8	3.0	3+00	13.6	10.7
10:30	7.2	4.4		13.6	10.7
	9.8	7.0		13.6	10.7
	11.9	9.1		13.4	10.5
1+00	12.9	10.1		13.6	10.7
	13.0	10.2	50	13.6	10.7
	13.0	10.2		13.2	10.3
	13.0	10.2		13.0	10.1
	13.0	10.2		13.1	10.2
50	13.1	10.3		13.1	10.2
	13.0	10.2	4+00	13.0	10.1
	13.1	10.3		12.9	10.0
	13.0	10.2		12.9	10.0
	13.0	10.2		12.8	9.9
2+00	13.2	10.4		12.9	10.0
	13.0	10.2	50	12.9	10.0
	13.1	10.3		12.8	9.9
	13.3	10.5		12.8	9.9

STA. N. 78+00-WEST

Dist	Sound	Elev	Dist	Sound	Elev
(29)	12.8	9.9	(29)	13.0	10.1
	12.8	9.9		12.7	9.8
5+00	12.9	10.0	50	12.8	9.9
	12.6	9.7		12.9	10.0
	12.7	9.8		13.1	10.2
	12.9	10.0		13.8	10.9
	12.8	9.9		12.2	9.3
50	13.0	10.1	8+00	5.7	2.8
	12.9	10.0		1.4	+1.5
	12.7	9.8			
	12.3	9.4			
	12.1	9.2			
6+00	11.7	8.8	50		
	11.6	8.9			
10:35	11.7	8.8			
	13.2	10.3			
	14.1	11.2			
50	14.6	11.7	9+00		
	15.0	12.1			
	14.7	11.8			
	14.4	11.5			
	14.4	11.5			
7+00	13.3	10.4			
	13.1	10.2			
	13.0	10.1			

8-01-61

STA. N. 79+00, 0+00 = W. 10.510 : SOUND WEST

Dist	Sound Elev.	Dist	Sound Elev.
0+00		(32)	13.0
		50	13.0
			13.0
			13.0
			13.0
50			13.0
	0.0	3+00	13.0
10:50	0.6		13.0
	2.4		13.0
	5.3		13.3
1+00	6.8		13.1
	8.5	50	13.1
	10.2		13.1
	12.4		13.1
	12.9		13.0
50	13.2		13.0
	13.1	4+00	12.8
	13.0		12.3
	13.0		11.9
	12.8		11.5
2+00	12.9		11.1
	12.8	50	11.2
	12.9		12.5
	12.9		13.0

(3.2)

0.4

STA. N. 79+00 - WEST

Dist Sound Elev Dist Sound Elev

Dist	Sound Elev	Dist	Sound Elev
(33)	13.0		
	13.2		
5+00	13.8	50	
	13.8		
	13.8		
	13.5		
	13.2		
50	12.9	8+00	
	12.5		
10:55	12.8		
	12.5		
	12.5		
6+00	12.4	50	
	12.4		
	12.4		
	12.4		
	12.8		
50	13.2	9+00	
	15.1		
	14.1		
	6.4		
	3.0		
7+00		50	

0.4

STA. N. 118+00 8-01-461

STA. N. 80+00 0+00 = N. 10730; SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(3.5)	11.9	8.4
(3.4)			50	10.8	7.5
	2.7	+0.7		10.5	7.0
	4.6	1.2		10.4	6.9
	6.6	3.2		10.1	6.6
50	7.3	3.9		10.1	6.6
50	8.0	4.6	3+00	10.2	6.7
11'00	10.6	7.2		10.6	7.1
	11.4	8.0		10.3	6.8
	11.6	8.2		10.3	6.8
1+00	12.1	8.7		9.7	6.2
1+00	11.9	8.5	50	9.5	6.0
	11.4	8.0		9.6	6.1
	11.3	7.9	11'05	5.5	2.0
	11.0	7.6		3.3	+0.2
50	11.0	7.6		0.8	+2.7
	11.2	7.8	4+00		
	11.7	8.3			
	11.7	8.3			
	11.8	8.4			
2+00	11.7	8.3			
	11.6	8.2			
	11.3	7.9			
	11.0	7.6			

STA. W. 106+00 0+00 = N. 7950; SOUND SOUTH

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(37)	14.1	10.4
			50	14.1	10.4
			(37)		
	2.4	+1.3			
50	6.7	3.0			
	9.8	6.1	3+00		
11'15	13.0	9.3			
	14.2	10.5			
	14.2	10.5			
1+00	14.1	10.4			
	14.1	10.4	50		
	14.0	10.3			
	14.1	10.4			
	14.1	10.4			
50	14.1	10.4			
	14.1	10.4	4+00		
	14.1	10.4			
	14.2	10.5			
	14.3	10.6			
2+00	14.3	10.6			
	14.4	10.7	50		
	14.6	10.9			
	14.4	10.7			

STA. N. 120+00 8-01-61

STA. W. 108+00; 0+00=N. 8,040; SOUND SOUTH

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(40)	14.0	10.0
(4.0)			50	14.0	10.0
	2.0	+2.0			
	6.3	2.3			
	11.1	7.1			
50	12.3	8.3			
50	13.6	9.6	3+00		
11:30	13.7	9.7			
~	13.9	9.9			
	13.9	9.9			
1+00	14.0	10.0			
6+00	13.9	9.9	50		
	13.6	9.6			
	13.6	9.6			
	13.6	9.6			
50	13.7	9.7			
50	14.0	10.0	7+00		
	14.0	10.0			
	14.0	10.0			
	13.9	9.9			
2+00	13.8	9.8			
7+00	14.0	10.0	50		
	14.0	10.0			
	14.0	10.0			

STA. N. 120+00 8-01-61

STA. W. 110+00; 0+00=N. 8,070; SOUND SOUTH

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(43)			50		
	2.6	+1.7			
	6.5	2.2			
	9.3	5.0			
50	10.3	6.0			
50	10.8	6.5	3+00		
11:50	11.4	7.1			
~	12.1	7.8			
	13.7	9.4			
1+00	13.8	9.5			
1+00	13.8	9.5			
	13.9	9.6			
	14.2	9.9			
	14.5	10.2			
50	14.8	10.5			
	15.0	10.7			
	14.6	10.3			
	14.2	9.9			
	14.5	10.2			
2+00	14.3	10.0			

See Pg. 58, for STA W.M.

7-28-61

STA. N. 64+00; 0+00=N. 9,760; SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			25	12.6	10.1
25			50	13.0	10.5
	2.7	0.2		13.0	10.5
	8.4	5.9		12.9	10.4
50	11.0	8.5		12.7	10.2
	11.7	9.2		13.0	10.5
2:50	12.0	9.5	3+00	13.0	10.5
	12.0	9.5		13.0	10.5
	12.0	9.5		13.4	10.9
1+00	12.2	9.7		14.3	11.8
	12.1	9.6		14.1	11.6
	12.4	9.9	50	14.1	11.6
	12.1	9.6		14.0	11.5
	12.3	9.8		13.6	11.1
50	12.5	10.0		13.0	10.5
	12.2	9.7		12.7	10.2
	12.7	10.2	4+00	12.4	9.9
	13.0	10.5		12.8	10.3
	12.8	10.3		12.5	10.0
2+00	12.7	10.2		12.5	10.0
	12.3	9.8		12.3	9.8
	12.3	9.8	50	12.3	9.8
	12.6	10.1		12.1	9.6
				12.1	9.6

LOADED WITH
SILT

STA. N. 64+00 - WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
24	12.1	9.7			
	12.1	9.7			
5+00	12.0	9.6	50		
	11.6	9.2			
	11.6	9.2			
	11.5	9.1			
	11.1	8.7			
50	11.1	8.7	8+00		
	11.0	8.6			
2:55	11.0	8.6			
	11.0	8.6			
	10.8	8.4			
6+00	10.5	8.1			
	10.5	8.1			
	10.9	8.5			
	10.9	8.5			
50	11.0	8.6			
	11.2	8.8			
	9.7	7.3			
	8.2	5.8			
	3.2	0.8			
7+00					

(see Sta. N. 65)

Pg. 56

7-31-61

STA. N. 66+00: CHOO = W. 9,800 SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV

0+00

(4.5)

2.9 + 1.6

8.3 3.8

12.0 7.5

50

13.1 8.6

13.2 8.7

11:20

13.4 8.9

13.0 8.5

13.1 8.6

14:00

13.1 8.6

13.3 8.8

13.6 9.1

13.6 9.1

13.4 8.9

50

13.4 8.9

13.3 8.8

13.3 8.8

13.1 8.6

13.1 8.6

2+00

13.5 9.0

13.9 9.4

14.2 9.7

14.5 10.0

(4.5)

50

HEAVIER

SOUP

3+00

3+00

↓

↓

↓

↓

50

50

↓

↓

50

4+00

50

50

50

50

50

50

50

50

14.5 10.0

14.8 10.3

15.0 10.5

15.6 11.1

15.6 11.1

15.5 11.0

15.0 10.5

14.8 10.3

14.5 10.0

14.3 9.8

14.0 9.5

13.8 9.3

13.8 9.3

13.8 9.3

13.9 9.4

13.9 9.4

13.7 9.2

13.6 9.1

13.7 9.2

13.8 9.3

13.8 9.3

13.8 9.3

13.4 8.9

13.1 8.6

STA. N. 66+00 - WEST

DIST SOUND ELEV DIST SOUND ELEV

(4.5)

13.0 8.5

↓

13.0 8.5

5+00

12.8 8.3

THINNING

12.8 8.3

OUT

12.5 8.0

≈

12.3 7.8

12.2 7.7

50

12.1 7.6

↓

12.1 7.6

↓

10.5 6.0

8.8 4.3

4.6 0.1

6+00

50

50

7+00

50

8+00

(see Pg. 17, Sta. N 67)

7-31-61

STA. N. 70+00; C&D = N. 9,830 SOUND WEST

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
	0+00			(56)	15.5	9.9
	(56)			50	15.2	9.6
		2.0	+3.6		15.2	9.6
		5.0	+0.6		15.2	9.6
		10.1	4.5		15.2	9.6
50		12.8	7.2		15.6	10.0
		16.0	10.4	3+00	15.7	10.1
1:15		16.0	10.4		15.7	10.1
<u> </u>		15.6	10.0		15.9	10.3
		15.8	10.2		16.1	10.5
1+00		15.3	9.7		16.4	10.8
		15.1	9.5	50	16.7	11.1
		15.0	9.4		16.7	11.1
		14.6	9.0		16.8	11.2
		14.9	9.3	1:20	16.9	11.3
50		15.3	9.7	<u> </u>	16.9	11.3
		15.0	9.4	4+00	16.0	10.4
		14.9	9.3		14.5	8.9
		14.9	9.3		14.7	9.1
		15.0	9.4		14.8	9.2
2+00		15.1	9.5		14.8	9.2
		15.0	9.4	50	14.6	9.0
		15.3	9.7		13.4	7.8
		15.5	9.9		13.2	7.6

STA. N. 70+00 - WEST

(32)

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
	(56)	13.6	8.0			
		13.9	8.3			
5+00		13.8	8.2	50		
		13.0	7.4			
		13.3	7.7			
		13.4	7.8			
		13.4	7.8			
50		13.4	7.8	8+00		
		13.0	7.4			
		13.1	7.5			
		14.6	9.0			
		16.8	11.2			
6+00		16.6	11.0	50		
		15.7	10.1			
		13.0	7.4			
		11.5	5.9			
		9.1	3.5			
50		4.5	+1.1			
		1.6	+4.0			

(See Sta. N. 71, pg 19)

7-31-61

STA. N. 72+00 - WEST

(33)

STA. N. 72+00; CHOO = W. 9,930; SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(54)	14.6	9.2
(54)	0.0	+5.4	50	14.4	9.0
	2.4	+3.0		14.6	9.2
	5.0	+0.4		14.7	9.3
	9.2	3.8		14.8	9.4
50	13.6	8.2		15.0	9.6
	16.0	10.6	3+00	15.0	9.6
1:45	16.8	11.4		15.2	9.8
<u> </u>	16.6	11.2	1:50	15.7	10.3
	15.4	10.0	<u> </u>	16.9	11.5
1+00	15.1	9.7		17.0	11.6
	15.0	9.6	50	17.0	11.6
	14.9	9.5		17.2	11.8
	14.7	9.3		16.7	11.3
	14.9	9.5		16.4	11.0
50	14.8	9.4		16.0	10.6
	15.0	9.6	4+00	15.3	9.9
	15.0	9.6		15.5	10.1
	15.0	9.6		15.5	10.1
	15.0	9.6		15.3	9.9
2+00	15.0	9.6		15.2	9.8
	15.0	9.6	50	15.5	10.1
	15.0	9.6		15.1	9.7
	14.7	9.3		15.8	10.4

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(53)	15.7	10.4	(53)	7.7	2.4
	15.9	10.6		4.9	+0.4
5+00	15.9	10.6	50	3.2	+2.1
	15.9	10.6			
	16.1	10.8			
	15.8	10.5			
	15.5	10.2			
50	15.1	9.8	8+00		
	15.3	10.0			
	15.3	10.0			
	15.9	10.6			
	15.6	10.3			
6+00	15.8	10.5	50		
	15.8	10.5			
	15.8	10.5			
	15.8	10.5			
	15.4	10.1			
50	15.7	10.4	9+00		
	16.0	10.7			
1:55	16.0	10.7			
<u> </u>	13.4	8.1			
	13.1	7.8			
7+00	12.1	6.8			
	11.8	6.5			
	10.8	5.5			

(See Sta. N 73, Pg. 20)

STA. N. 74+00 - WEST

Dist Sound Elev

10+00

50

11+00

(35)

7-12-61

STA. N. 76+00: 0+00 = W. 10,200

Dist Sound Elev Dist Sound Elev

0+00

(53)

50 0.5 +4.8

7.8 2.5

1:50 12.2 6.9

13.9 8.6

13.8 8.5

1+00 13.8 8.5

14.0 8.7

14.0 8.7

13.7 8.4

13.6 8.3

50 13.7 8.4

13.8 8.5

14.0 8.7

14.2 8.9

14.1 8.8

2+00 14.3 9.0

14.5 9.2

14.5 9.2

14.5 9.2

(53)

50

3+00

50

4+00

50

14.5 9.2

14.6 9.3

14.6 9.3

14.6 9.3

14.5 9.2

14.5 9.2

14.4 9.1

14.5 9.2

14.5 9.2

14.5 9.2

14.5 9.2

15.0 9.7

15.0 9.7

14.8 9.5

14.9 9.6

15.1 9.8

15.4 10.1

15.8 10.5

15.7 10.4

15.7 10.4

15.8 10.5

15.6 10.3

15.7 10.4

15.7 10.4

7-12-61

STA. N. 78+00; 0+00 = W. 10,400; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(53)	16.3	11.0
(53)			50	16.6	11.3
	0.0	+5.3		16.6	11.3
	4.1	+1.2		16.6	11.3
50	6.6	1.3		16.9	11.6
	8.3	3.0	3+00	16.5	11.2
2:15	9.3	4.0		17.0	11.7
	11.1	5.8		16.8	11.5
	15.8	10.5		16.2	10.9
1+00	16.0	10.7		16.8	11.5
	16.0	10.7	50	16.5	11.2
	16.0	10.7		16.0	10.7
	16.0	10.7		16.0	10.7
	15.9	10.6		16.2	10.9
50	15.9	10.6		16.1	10.8
	15.9	10.6	4+00	15.9	10.6
	16.0	10.7		15.9	10.6
	16.2	10.9		16.0	10.7
	16.1	10.8		15.8	10.5
2+00	16.1	10.8		15.9	10.6
	16.1	10.8	50	15.9	10.6
	16.1	10.8		15.9	10.6
	16.3	11.0		15.8	10.5

STA. N. 78+00 - WEST

Dist	Sound	Elev	Dist	Sound	Elev
(53)	15.9	10.6	(53)	16.6	11.3
	15.9	10.6		16.6	11.3
5+00	15.9	10.6	50	16.7	11.4
	15.9	10.6		17.0	11.7
	15.9	10.6		17.8	12.5
	16.2	10.9		17.5	12.2
	16.1	10.8		15.3	12.0
50	16.3	11.0	8+00	11.1	5.8
	16.5	11.2		2.8	+2.5
	16.6	11.3			
	16.2	10.9			
	16.3	11.0			
6+00	16.0	10.7	50		
	16.0	10.7			
	16.4	11.1			
	16.4	11.1			
	16.2	10.9			
50	15.0	9.7	9+00		
	15.1	9.8			
	15.7	10.4			
	15.9	10.6			
	16.0	10.7			
7+00	16.0	10.7			
	16.1	10.8			
	16.4	11.1			

(37)

7-12-61

STA. W. 108+00; 0+00 = N. 8,040; SOUND SOUTH

Dist Sound Elev Dist Sound Elev

0+00

(53) 16.0 10.7

(53)

50 16.1 10.8

3.6 +1.7

10.0 4.7

13.9 8.6

50 15.3 10.0

15.5 10.2

2:45 15.6 10.3

15.6 10.3

15.7 10.4

1+00 15.8 10.5

15.7 10.4

15.7 10.4

15.6 10.3

15.6 10.3

50 15.6 10.3

16.0 10.7

16.1 10.8

16.2 10.9

15.9 10.6

2+00 15.6 10.3

16.4 11.1

15.9 10.6

15.8 10.5

(3)

STA. W. 110+00; 0+00 = N. 8,070; SOUND SOUTH

Dist Sound Elev Dist Sound Elev Dist Sound Elev

0+00

(53) 16.5 11.2

50 16.8 11.5

(53)

3.1 +2.2

16.2 10.9

8.7 3.4

70 15.9 10.6

10.9 5.6

50 11.2 5.9

12.0 6.7

12.8 7.5

13.2 7.9

13.9 8.6

1+00 14.4 9.1

14.9 9.6

2:55 15.0 9.7

15.0 9.7

15.1 9.8

50 15.3 10.0

15.9 10.6

16.0 10.7

15.9 10.6

16.0 10.7

2+00 16.2 10.9

16.1 10.8

16.1 10.8

16.1 10.8

7-12-61

STA. W. 111400; 0400 = N. 8040; SOUND SOUTH

Dist Sound Elev Dist Sound Elev

0+00 (53) 16.1 10.8

(53) 50 16.1 10.8

1.8 +3.5

3.4 +1.9

7.1 1.8

50 13.2 7.9

15.0 9.7

15.7 10.4

15.8 10.5

16.4 11.1

1+00 17.1 11.8

17.1 11.8

3:05 17.1 11.8

17.1 11.8

17.0 11.7

50 17.2 11.9

17.3 12.0

17.2 11.9

17.2 11.9

17.2 11.9

2+00 17.2 11.9

17.1 11.8

16.1 10.8

16.0 10.7

(40)

7-27-61

STA. W. 123400; 0400 = N. 6040; SOUND NORTH

Dist Sound Elev Dist Sound Elev Dist Sound Elev

0+00 (4.8) 0.8 (A.B) 13.4

(4.8) 50 13.4

2.0 13.4

3.1 13.2

5.6 13.3

50 10.8 13.2

13.3 3+00 13.3

11:00 14.2 13.5

15.5 13.5

15.9 13.8

1+00 15.0 13.9

14.8 50 14.0

15.0 14.2

14.0 14.1

14.0 14.1

50 13.6 14.1

13.6 4+00 13.7

13.8 13.8

13.6 13.8

13.6 13.8

2+00 13.4 13.8

13.4 50 13.3

13.4 13.5

13.4 13.1

OK

OK

7-12-61

STA. W. 111+00; 0+00 = N. 8040; SOUND SOUTH

Dist Sound Elev Dist Sound Elev

0+00 (53) 16.1 10.8

(53) 50 16.1 10.8

1.8 +3.5

3.4 +1.9

7.1 1.8

50 13.2 7.9

15.0 9.7

15.7 10.4

15.8 10.5

16.4 11.1

1+00 17.1 11.8

17.1 11.8

3:05 17.1 11.8

17.1 11.8

17.0 11.7

50 17.2 11.9

17.3 12.0

17.2 11.9

17.2 11.9

17.2 11.9

2+00 17.2 11.9

17.1 11.8

16.1 10.8

16.0 10.7

7-27-61

STA. W. 123+00; 0+00 = N. 6040; SOUND NORTH

Dist Sound Elev Dist Sound Elev Dist Sound Elev

0+00 (4.8) 13.4

(4.8) 50 13.4

2.0 13.4

3.1 13.2

5.6 13.3

50 10.8 13.2

13.3 3+00 13.3

11:00 14.2 13.5

15.5 13.5

15.9 13.8

1+00 15.0 13.9

14.8 50 14.0

15.0 14.2

14.0 14.1

14.0 14.1

50 13.6 14.1

13.6 4+00 13.7

13.8 13.8

13.6 13.8

13.6 13.8

2+00 13.4 13.8

13.4 50 13.3

13.4 13.5

13.4 13.1

(40)

OK

OK

STA. W. 123+00 - NORTH. 7-27-61

DIST	Sound	Elev	DIST	Sound	Elev
(A7)	13.3		(A7)	13.4	
	13.5			13.3	
5+00	13.9		50	13.0	
	13.8			12.9	
11:05	13.8			13.0	
→	14.0			13.0	
	14.1			13.2	
50	14.1		8+00	13.3	0.1
	14.1			13.7	
	14.0			13.1	
	13.9			12.6	
	14.9			12.1	
6+00	15.1		50	12.1	
	14.8			12.0	
	14.6		11:10	11.4	
	14.8			8.1	
	17.0			4.1	
50	17.7		9+00	2.7	
	18.2			1.4	
	18.7				
	18.8				
	18.3				
7+00	17.8		50		
	14.5				
	14.0				

7-27-61

(4)

STA. W. 122+00; 0+00 = N. 6,000; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(A6)	15.6	11.0
(A6)	0.2	+4.4	50	15.5	10.9
	1.6	+3.0		15.6	11.0
	2.4	+2.2		15.5	10.9
	3.7	+0.9		15.3	10.7
50	7.1	2.5		15.2	10.6
	11.5	6.9	3+00	15.1	10.5
11:20	13.2	8.6		15.3	10.7
→	13.2	8.6		15.2	10.6
	13.7	9.1		15.0	10.4
1+00	13.4	8.8		15.0	10.4
	13.0	8.4	50	15.2	10.6
	13.1	8.5		15.3	10.7
	13.1	8.5		15.3	10.7
	13.3	8.7		15.5	10.9
50	14.2	9.6		15.4	10.8
	14.8	10.2	4+00	15.2	10.6
	15.3	10.7		14.7	10.1
	15.7	11.1		13.9	9.3
	16.0	11.4		13.6	9.0
2+00	15.6	11.0		13.5	8.9
	15.8	11.2	50	13.7	9.1
	15.5	10.9		13.8	9.2
	15.6	11.0		13.9	9.3

STA. W. 122400-NORTH 7-27-61

DIST	Sound	Elev	DIST	Sound	Elev
(46)	13.9	9.3	(4.5)	14.7	10.2
	13.9			14.9	10.4
5+00	13.9		50	15.4	10.9
	13.9			15.6	11.1
	13.9		11.25	16.0	11.5
	13.8	9.2		16.2	11.7
	13.9	9.3		16.2	11.7
50	13.9	9.3	8+00	16.1	11.6
	14.0	9.4		16.1	11.6
	14.1	9.5		16.0	11.5
	14.1			15.6	11.1
	14.1			15.1	10.6
6+00	14.1		50	14.4	9.9
6+00	14.2	9.6	50	14.2	9.7
	14.5	9.9		14.2	9.7
	14.8	10.2		13.6	9.1
	15.0	10.4		12.9	8.4
50	15.0	10.4	7+00	11.8	7.3
	14.9	10.3		9.4	4.9
	14.8	10.2		4.6	0.1
	14.8	10.2		3.0	+1.5
	14.9	10.3		1.9	+2.6
7+00	14.8	10.2	50	1.0	+3.5
	14.7	10.1			
	14.7	10.1			

7-27-61 (42)

STA. W. 121400 NORTH = N. 5970

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(4.5)	13.9	
(4.5)	0.3		50	13.9	
	1.2			13.9	
	1.9			13.9	
	3.3			13.3	
50	9.7			13.5	
	12.9		3+00	13.8	
	13.6			13.0	
11.35				14.1	
	13.3			14.5	
	13.9			14.2	
1+00	13.0			14.3	
	13.2		50	14.3	
	13.4			14.2	
	13.9			14.2	
	14.0			14.2	
50	14.0			13.7	
	14.0		4+00	13.0	
	14.0			12.9	
	14.2			13.0	
	14.0			12.9	
2+00	14.3			13.1	
	14.0		50	13.0	
	14.0			13.0	
	13.8			13.3	

STATION 121400-NORTH

DIST	Sound	Elev	DIST	Sound	Elev
AA	13.0		AA	14.4	
	12.8			14.4	
5400	12.9		50	14.5	
	12.9			14.4	
	13.0			14.1	
	12.9			14.0	
	13.0			14.0	
50	13.2		8100	13.9	
	13.1			14.0	
	13.0			13.9	
	13.0			13.9	
	13.7			13.8	
6400	13.2		50	13.8	
	13.0			13.9	
	13.4			13.7	
	14.0			13.4	
	14.6			13.0	
50	14.5		9400	12.7	
	14.2			11.3	
11400	14.3			8.0	
	14.7			3.8	
	14.6			3.0	
7400	14.4		50	2.4	
	14.2			1.5	
	14.1				

OK

OK

7-27-61

STA. W. 120400:0400-N. 5930: SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
0400			33	12.0	8.7
13.3			50	12.1	8.8
				12.2	8.9
	1.1	+2.2		12.4	9.1
	2.8	+0.5		12.6	9.3
50	8.7	5.4		12.6	9.3
	11.9	8.6	3400	12.7	9.4
1:00	13.0	9.7		12.7	9.7
	13.2	9.9		12.6	9.3
	13.5	10.2		12.5	9.2
1400	13.1	9.8		12.5	9.2
	13.3	10.0	50	12.3	9.0
	13.3	10.0		12.9	9.6
	13.4	10.1		13.0	9.7
	13.3	10.0		13.2	9.9
50	12.5	9.2		13.3	10.0
	12.0	8.7	4400	13.3	10.0
	11.4	8.1		13.3	10.0
	11.6	8.3		13.2	9.9
	11.2	7.9		13.2	9.9
2400	11.3	8.0		13.3	10.0
	11.3	8.0	50	13.3	10.0
	11.6	8.3		13.3	10.0
	12.0	8.7		13.1	9.8

STA. W. 120+00 - NORTH

7-27-61

(34)

DIST	Sound	Elev	DIST	Sound	Elev
(23)	12.9	9.6	(32)	12.6	9.4
	12.9	9.6		12.5	9.3
5+00	13.0	9.7	50	12.5	
	12.8	9.5		12.5	
	12.6	9.3	11.05	12.5	
	12.5	9.2	—	12.6	9.4
	12.5	9.2		12.6	
50	12.4	9.1	8+00	12.6	
	12.1	8.8		12.6	
	12.1	8.8		12.5	9.3
	12.0	8.7		12.5	9.3
	11.8	8.5		12.7	9.5
6+00	11.8	8.5	50	12.8	9.6
	11.8	8.5		12.9	9.7
	11.7	8.4		12.9	9.7
	11.8	8.5		12.8	9.6
	11.9	8.6		12.3	9.1
50	12.0	8.7	9+00	12.2	9.0
	12.2	8.9		12.0	8.8
	12.2	8.9		11.4	8.2
	12.4	9.1		10.3	7.1
	12.5	9.2		8.0	4.8
7+00	12.5	9.2	50	3.1	+0.1
	12.5	9.2		2.6	+0.6
	12.6	9.2		1.4	+1.8

STA. W. 119+00 TO 1400 = N. 5,900			SOUND NORTH		
DIST	Sound	Elev	DIST	Sound	Elev
0+00			(31)	12.1	
(31)			50	12.2	
				12.3	
	0.8			12.2	
	2.8			12.4	
50	8.0			12.4	
	13.9		3+00	12.5	
	14.3			12.8	
1115	14.0			12.8	
—	14.5			12.9	
1+00	14.4			13.0	
	14.6		50	13.0	
	15.0			13.1	
	14.8			13.1	
	14.3			13.0	
50	14.5			12.4	
	14.5		4+00	12.1	
	14.5			11.8	
	14.7			11.8	
	14.9			12.0	
2+00	14.7			12.0	
	15.2		50	11.8	
	14.3			11.9	
	11.9			11.8	

OK

OK

STA. W. 119+00 - NORTH

Dist	Sound	Elev.	Dist	Sound	Elev
(30)	11.8	}	(30)	11.0	}
	11.8			11.0	
5+00	11.8		50	11.0	
	12.0			11.0	
	12.0			11.2	
	12.0			11.3	
	12.1			11.9	
50	12.1		8+00	12.0	
	12.1			12.1	
	12.2			12.3	
	12.3		12.3		
	12.5		12.5		
6+00	12.4	} 0.1	50	12.5	} 0.2
	12.8			12.4	
	13.1			12.5	
1:20	13.5		1:25	12.4	
	13.9			12.5	
50	13.9		9+00	12.0	
	14.1			12.1	
	14.0			12.0	
	13.5			12.0	
	11.9			12.0	
7+00	11.9	50	11.4		
	11.6		10.9		
	11.1		10.1		
			7.8		
			1.9		

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STA. W. 118+00 - NORTH			STA. W. 118+00 - NORTH		
Dist	Sound	Elev	Dist	Sound	Elev
0+00			(20)	11.7	8.8
			50	11.7	8.8
				11.6	8.7
	0.3	+2.6		11.7	8.8
	6.6	3.7		11.8	8.9
50	10.8	7.9		11.8	8.9
	11.0	8.1	3+00	12.0	9.1
1:35	10.9	8.0		14.1	11.2
	11.0	8.1		13.4	10.5
	11.2	8.3		13.6	10.7
1+00	11.5	8.6		14.0	11.1
	11.5	8.6	50	14.5	11.6
	11.7	8.8		14.6	11.7
	11.7	8.8		14.4	11.5
	11.9	9.0		14.2	11.3
50	11.9	9.0		14.1	11.2
	11.9	9.0	4+00	14.2	11.3
	12.0	9.1		14.3	11.4
	12.0	9.1		14.3	11.4
	11.9	9.0		14.4	11.5
2+00	11.9	9.0		14.1	11.2
	11.9	9.0	50	14.0	11.1
	11.8	8.9		14.0	11.1
	11.8	8.9		14.2	11.3

STA. W. 118+00-NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(29)	14.7	11.8	(28)	12.5	9.7
	15.0	12.1		12.5	9.7
5+00	11.1	8.2	50	12.8	10.0
	11.0	8.1		12.0	9.2
	11.1	8.2	1:40	15.0	12.2
	11.2	8.3	≈	14.2	11.4
	11.3	8.4		15.1	12.3
50	11.3	8.4	8+00	14.2	11.4
	11.5	8.6		14.2	11.4
	11.7	8.8		14.5	11.7
	11.8	8.9		14.3	11.5
	11.8	8.9		14.8	12.0
6+00	12.0	9.1	50	13.9	11.1
	12.1	9.2		12.2	9.4
	12.2	9.3		10.6	7.8
	12.3	9.4		9.8	7.0
	12.7	9.8		9.8	7.0
50	12.7	9.8	9+00	9.8	7.0
	12.7	9.8		9.8	7.0
	12.4	9.5		9.7	6.9
	12.4	9.5		9.8	7.0
	12.4	9.5		9.8	7.0
7+00	12.4	9.5	50	9.6	6.8
	12.3	9.4		9.5	6.7
	12.5	9.6		9.2	6.4
				6.8	4.0
				2.9	0.7

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(46)

STA. W. 117+00 (O+00) - N. 5830 SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
O+00			(27)		
(2.7)			50	12.9	
	1.2			13.2	
	5.0			13.2	
	9.6			13.1	
50	10.9			13.0	
	10.9		3+00	12.8	
11:55	10.9			12.9	
≈	10.9			12.9	
	11.0			12.0	
1+00	11.0			12.3	
	11.0		50	12.5	
	11.0			12.8	
	10.8			12.9	
	10.9			12.9	
50	11.0			13.1	
	11.0		4+00	13.5	
	11.1			13.3	
	11.5			13.3	
	11.4			13.1	
2+00	11.4			13.1	
	11.2		50	13.1	
	11.6			13.2	
	12.0			13.2	

OK

STA. W. 117+00 - NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(26)	13.0	}	(26)	14.6	}
	13.1			14.6	
5+00	13.3		50	14.2	
	13.3			14.1	
	13.6			13.8	
	13.9			13.4	
	14.5			13.1	
50	14.5		8+00	13.1	
	13.8			13.0	
	11.8			13.0	
	12.0			13.0	
	11.6			13.3	
6+00	12.0		50	13.5	
	15.2			13.2	
	16.0			12.9	
	15.8		12.8		
	16.0		12.8		
50	16.0	9+00	12.9		
	15.7		13.0		
2:00	15.3		13.0		
	15.0		13.0		
	14.1		13.0		
7+00	14.0	50	12.3		
	13.8		8.2		
	14.4		6.7		
			2.8		

OK

OK

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(47)

STA. W. 116+00; CHD = N. 5,800; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(25)	13.2	10.7
(2.5)			50	13.2	10.7
				13.0	10.5
	0.2	+2.3		12.9	10.4
	3.7	1.2		12.8	10.3
50	10.7	8.2		12.6	10.1
	13.3	10.8	3+00	12.1	9.6
2:10	13.4	10.9		12.0	9.5
	13.2	10.7		11.4	8.9
	13.1	10.6		11.0	8.5
1+00	13.1	10.6		11.0	8.5
	13.3	10.8	50	11.1	8.6
	13.4	10.9		11.5	9.0
	13.2	10.7		11.7	9.2
	13.0	10.5		11.9	9.4
50	13.1	10.6		12.2	9.7
	13.2	10.7	4+00	12.5	10.0
	13.1	10.6		12.6	10.1
	13.4	10.9		12.4	9.9
	13.4	10.9	1	12.3	9.8
2+00	13.4	10.9		12.3	9.8
	13.3	10.8	50	12.1	9.6
	13.3	10.8		12.1	9.6
	13.3	10.8		12.0	9.5

STA. W. 116+00-NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(2.4)	11.9	9.5	(2.4)	13.0	10.6
	11.9	9.5		12.7	10.3
5+00	11.7	9.3	50	12.5	10.1
	11.8	9.4		12.4	10.0
	12.0	9.6		12.1	9.7
2:15	12.1	9.7		12.1	9.7
—	12.5	10.1		12.2	9.8
50	12.7	10.3	8+00	12.0	9.6
	13.1	10.7		12.0	9.6
	13.3	10.9		11.7	9.3
	13.3	10.9		11.7	9.3
	13.0	10.6		11.7	9.3
6+00	12.8	10.4	50	12.0	9.6
	12.8	10.4		12.1	9.7
	12.9	10.5		12.0	9.6
	12.9	10.5		12.4	10.0
	13.1	10.7		12.3	9.9
50	13.2	10.8	9+00	12.1	9.7
	13.4	11.0		11.4	9.0
	13.4	11.0		11.0	8.6
	13.3	10.9		10.5	8.1
	13.1	10.7		10.5	8.1
7+00	13.2	10.8	50	6.9	4.5
	13.3	10.9		3.4	1.0
	13.3	10.9			

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(98)

STA. W. 115+00:0+00-N. 5770			SOUND NORTH		
DIST	Sound	Elev	DIST	Sound	Elev
0+00			(2.3)	9.6	
(2.4)			50	9.7	
				10.6	
	0.0			11.8	
	5.1			10.3	
50	9.0			11.1	
	9.8		3+00	11.3	
2:25	10.2			12.0	
—	10.9			12.0	
	11.1			12.6	
1+00	11.2			12.3	
	11.2		50	12.9	
	11.5			12.9	
	11.4			12.9	
	11.4		2:30	12.7	
50	11.2		—	12.5	
	11.1		4+00	12.5	
	11.0			12.4	
	11.0			12.4	
	10.9			12.4	
2+00	10.9			12.2	
	10.4		50	12.2	
	10.1			12.0	
	9.8			12.0	

4
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STA. W. 115+00 - NORTH

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49

DIST	Sound	Elev	DIST	Sound	Elev
(23)	11.9		(23)	12.1	
	11.3			12.1	
5+00	11.0		50	12.0	
	11.0			11.7	
	11.0			11.2	
	11.0			11.0	
	12.0			11.1	X
50	12.0		8+00	11.5	0.
	11.4			11.5	
	10.8			11.1	
	10.9	X		11.0	
	11.0	0.		10.5	
6+00	11.1		50	10.2	
	11.1			10.2	
	11.3			9.1	
	11.0			9.1	
	11.3			8.8	
50	11.5		9+00	8.6	
	11.8			7.4	
	11.7			4.6	
	11.8				
	12.0				
7+00	12.2				
	12.1				
	12.3				

MATERIAL FROM THIS STA. WEST, FAIRLY SOLID

STA. W. 114+00; 0+00 = N. 5,720	DIST	Sound	Elev	DIST	Sound	Elev
	0+00			(23)	12.0	9.7
	NOTE:			50	12.0	9.7
	GETTING VERY				12.0	9.7
	(23) SOFT				12.0	9.7
					11.9	9.6
	50	1.5	+0.8		11.9	9.6
		7.3	5.0	3+00	11.9	9.6
		10.6	8.3		11.9	9.6
	2:45	11.3	9.0		12.0	9.7
		11.8	9.5		12.0	9.7
	1+00	12.0	9.7		12.2	9.9
		11.9	9.6	50	12.2	9.9
		12.0	9.7		12.3	10.0
		12.0	9.7	2:50	12.2	9.9
		12.0	9.7		12.2	9.9
	50	12.0	9.7		12.3	10.0
		11.7	9.4	4+00	12.2	9.9
		12.1	9.8		11.0	8.7
		12.2	9.9		11.1	8.8
		12.2	9.9		10.9	8.6
	2+00	12.0	9.7		10.2	7.9
		12.0	9.7	50	10.2	7.9
		12.0	9.7		10.5	8.2
		12.1	9.8		10.7	8.4

STA. W. 114+00 - NORTH

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(50)

DIST	Sound	Elev	DIST	Sound	Elev
(2.3)	13.5	11.2	(2.2)	10.8	8.6
	13.2	10.9		10.7	8.5
5+00	12.5	10.2	50	10.5	8.3
	12.4	10.1		10.6	8.4
	12.3	10.0		10.6	8.4
	12.2	9.9		10.5	8.3
	12.0	9.7		10.5	8.3
50	12.2	9.9	8+00	10.3	8.1
	12.3	10.0		10.0	7.8
2:55	11.9	9.6	3:00	10.3	8.1
—	11.4	9.1	—	10.5	8.3
	11.0	8.7		10.6	8.4
6+00	10.8	8.5	50	10.2	8.0
	10.8	8.5		10.0	7.8
	10.7	8.4		10.1	7.9
	10.4	8.1		10.5	8.3
	10.5	8.2		10.7	8.5
50	10.3	8.0	9+00	10.5	8.3
	10.3	8.0		10.5	8.3
	10.2	7.9		9.7	7.5
	10.6	8.3		2.3	0.1
	10.7	8.4			
7+00	10.6	8.3			
	10.8	8.5			
	10.8	8.5			

STA. W. 113+00 to 1400 - N. 5700 ; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
9+00			(2.2)	12.9	
(2.2)			50	12.8	
				12.8	
	0.0			12.6	
	6.5			12.6	
50	9.8			12.7	
	11.4		3+00	13.0	
3:10	12.1			12.9	
—	12.5			13.0	
	12.5			13.0	
1400	12.8			13.0	
	12.7		50	13.0	
	12.7			12.9	
	12.8			12.9	
	12.9			12.9	
50	12.9			12.7	
	12.9		4+00	13.1	
	12.9			14.2	
	12.9			13.8	
	12.9			13.8	
2+00	12.6			14.0	
2+00	12.4		50	13.7	
	12.7			13.1	
	12.9			12.9	

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STA. W. 113+00 - NORTH 7-27-61

DIST	Sound	Elev	DIST	Sound	Elev
<u>22</u>	12.9		<u>22</u>	10.1	
	13.0			10.2	
5+00	13.0		50	10.3	
	13.0			10.2	
3:15	12.9			10.2	
<u>~</u>	12.5			10.2	
	12.1			10.2	
50	11.9		8+00	10.0	
	11.8			10.0	
	11.8		3:20	9.8	
	11.5		<u>~</u>	10.0	
	11.9			8.9	
6+00	11.2		50	6.5	
	11.1			3.8	
	10.9				
	10.8				
	10.9				
50	11.2		9+00		
	11.3				
	11.1				
	11.2				
	11.1				
7+00	10.2				
	10.1				
	10.1				

OK

OK

7-28-61

(51)

STA. W. 112+00 to 1400 = N. 5, 660; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
0+00			<u>3.8</u>	13.2	9.4
<u>39</u>			50	13.2	9.4
				13.4	9.6
	0.9	+3.0		13.5	9.7
	2.2	+1.7		13.5	9.7
50	7.7	3.8		13.6	9.8
	10.5	6.6	3+00	13.8	10.0
<u>11.0</u>	11.2	7.3		13.8	10.0
<u>~</u>	11.4	7.5	11:15	14.0	10.2
	12.6	8.7	<u>~</u>	14.0	10.2
1+00	12.8	8.7		14.2	10.4
	12.7	8.8	50	14.2	10.4
	12.6	8.7		14.3	10.5
	12.6	8.7		14.4	10.6
	12.8	8.9		14.4	10.6
50	13.3	9.4		14.2	10.4
	13.4	9.5	4+00	14.0	10.2
	13.7	9.8		13.3	9.5
	13.6	9.7		13.3	9.5
	13.6	9.7		13.6	9.8
2+00	13.5	9.6		13.8	10.0
	13.4	9.5	50	14.1	10.3
	13.3	9.4		14.2	10.4
	13.1	9.2		14.2	10.4

STA. W. 112+00-NORTH

Dist	Sound	Elev	Dist	Sound	Elev
38	14.1	10.3	38	11.8	8.0
	14.0	10.2		11.7	7.9
5+00	13.2	9.4	50	11.6	7.8
	13.5	9.7		11.4	7.6
	13.7	9.9		11.5	7.7
	13.6	9.8		11.6	7.8
	13.1	9.3		11.5	7.7
50	12.8	9.0	8+00	11.2	7.4
	12.4	8.6		11.0	7.2
	12.4	8.6		9.5	5.7
	12.4	8.6		4.6	0.8
	12.3	8.5		2.7	+ 1.1
6+00	12.6	8.8	50		
	12.6	8.8			
	12.5	8.7			
	12.5	8.7			
	12.3	8.5			
50	12.2	8.4	9+00		
	12.2	8.4			
11.20	12.1	8.3			
	12.1	8.3			
	12.0	8.2			
7+00	12.0	8.2			
	11.9	8.1			
	11.8	8.0			

7-28-61

STA. W. 111+00: 0+00=N. 5, 630; SOUND NORTH

Dist	Sound	Elev	Dist	Sound	Elev
0+00			36	12.8	
			50	13.0	
				13.0	
	1.4			13.3	
	4.0			13.6	
50	9.8			13.9	
	11.2		3+00	13.4	
	12.0			13.9	
1.30	13.1			14.2	
	13.5			14.7	
1+00	12.8			14.8	
	12.2		50	14.8	
	12.2			15.0	
	12.3			15.1	
	12.3			15.3	
50	12.5			15.5	
	12.5		4+00	14.8	
	12.8			14.6	
	12.8			14.2	
	12.9			13.9	
2+00	13.0			13.5	
	13.0		50	13.2	
	13.0			13.6	
	13.0			13.9	

OK

STA. W. 111+00-NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(36)	14.0		(36)	10.2	
	13.8			10.1	
5+00	13.6		50	10.1	
	13.3			10.2	
	13.0			7.0	
	12.9			3.3	
	12.9				
50	12.7		8+00		
	12.9				
	12.8				
	12.6				
	12.4				
6+00	12.1				
	12.1				
11.35	12.0				
	11.8				
	11.5				
50	12.0				
	11.1				
	11.3				
	11.4				
	10.9				
7+00	10.9				
	11.1				
	11.1				

7-28-61

STA. W. 110+00; 0+00-N 5,580; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(32)	12.6	9.4
			50	12.7	9.5
				12.7	9.5
(32)				12.7	9.5
				12.7	9.5
50	1.0	+2.2		12.6	9.4
	4.7	1.5	3+00	12.6	9.4
11.55	8.6	5.4		12.6	9.4
	11.3	8.1		12.7	9.5
	12.5	9.3		12.7	9.5
1+00	12.7	9.5		12.7	9.5
	12.7	9.5	50	12.8	9.6
	12.7	9.5		12.8	9.6
	12.8	9.6		13.1	9.9
	12.5	9.3		13.4	10.2
50	12.5	9.3		13.9	10.7
	12.4	9.2	4+00	14.2	11.0
	12.5	9.3		14.5	11.3
	12.5	9.3		13.5	10.3
	12.5	9.3		13.5	10.3
2+00	12.5	9.3		13.3	10.1
	12.6	9.4	50	13.3	10.1
	12.6	9.4		12.9	9.7
	12.6	9.4		13.2	10.0

STA. W. 110+00 - NORTH

Dist	Sound	Elev	Dist	Sound	Elev
(3.1)	13.3	10.2	(3)	7.0	3.9
	13.0	9.9		3.0	+0.1
5+00	13.1	10.0	50		
	13.2	10.1			
2:00	13.1	10.0			
	12.8	9.7			
	12.3	9.2			
50	11.9	8.8	8+00		
	12.0	8.9			
	12.0	8.9			
	11.9	8.8			
	11.8	8.7			
6+00	11.5	8.4			
	11.4	8.1			
	11.4	8.1			
	11.3	8.2			
	11.1	8.0			
50	11.0	7.9			
	10.2	7.1			
	10.1	7.0			
	9.9	6.8			
	9.6	6.5			
7+00	9.0	5.9			
	8.5	5.4			
	7.7	4.6			

7-28-61

(54)

STA. W. 109+00; 0+00 - N. 5570 SOUND NORTH

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(30)	11.5	
			50	11.4	
			(30)	11.8	
	1.1			11.5	
	4.3			11.9	
50	8.0			12.1	
	10.6		3+00	12.1	
2:10	11.8			12.5	
	12.8			12.8	
	13.0			12.5	
1+00	13.2			12.8	
	13.5		50	12.9	
	13.5			13.0	
	13.2			12.9	
	13.2			13.4	
50	13.0			13.2	
	13.0		4+00	13.5	
	12.8			13.5	
	12.6			12.3	
	12.1			12.0	
2+00	11.9			12.9	
	11.8		50	13.0	
	11.2			13.0	
	11.2			12.9	

O.K.

O.K.

STA. W. 109+00 - NORTH

Dist Sound Elev Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
(29)	12.9				
	12.6				
5+00	12.2		50		
	12.2				
	12.5				
2:15	12.3				
≈	11.6				
50	11.9		8+00		
	12.2				
	12.0				
	11.8				
	12.5				
6+00	12.0				
	12.7				
	13.0				
	12.4				
	12.4				
50	12.1				
	10.6				
	9.4				
	7.8				
	3.9				
7+00					

f.
0

7-28-61

STA. W. 108+00 SD+00-N. 5,530 SOUND NORTH

Dist Sound Elev Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(28)	12.4	9.6
			50	12.0	9.2
				12.0	9.2
				12.1	9.3
	2.2	+0.6		12.0	9.2
50	4.3	1.5		12.0	9.2
	10.1	7.3	3+00	12.0	9.2
2:25	11.1	8.3		12.1	9.3
≈	13.0	10.2		12.0	9.2
	13.7	10.9		11.7	8.9
1+00	13.4	10.6		11.7	8.9
	13.1	10.3	50	11.8	9.0
	13.4	10.6		12.0	9.2
	13.4	10.6		12.0	9.2
	13.4	10.6		12.6	9.8
50	13.2	10.4		13.0	10.2
	13.1	10.3	4+00	12.7	9.9
	13.3	10.5		12.1	9.3
	13.3	10.5		12.4	9.6
	13.5	10.7		12.5	9.7
2+00	13.0	10.2		12.2	9.4
	12.7	9.9	50	11.6	8.8
	12.8	10.0		12.3	9.5
	12.5	9.7		13.1	10.3

(55)

STA. W. 108400-NORTH

	Dist	Sound	Elev	Dist	Sound	Elev
(27)	12.5		9.8			
	12.5		9.8			
5700	12.6		9.9	50		
	12.4		9.7			
	12.3		9.6			
	12.2		9.5			
	12.1		9.4			
50	12.0		9.3	8100		
	12.0		9.3			
2:30	12.4		9.7			
	12.2		9.5			
	12.2		9.5			
6+00	12.3		9.6			
	12.1		9.4			
	12.1		9.4			
	12.1		9.4			
	12.3		9.6			
50	12.4		9.7			
	12.3		9.6			
	12.3		9.6			
	11.1		8.4			
	9.0		6.3			
7+00	3.1		0.4			

7-31-61

STA. N. 65400:0400-W. 9780:5000 WEST

	Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.2			4.2	13.9	
	4.2			50	13.8	
					13.7	
					13.9	
	4.1				13.9	
	9.5			4° To	14.0	
50	12.0			5°	14.2	
	13.0			3+00	15.1	
11:05	13.3			Soupy	15.0	
	13.8			8	15.3	
	14.0			50 FT	15.2	
1+00	13.9				14.7	
	13.8			50	14.4	
	13.7				14.2	
	13.9				14.0	
	14.1				13.6	
50	14.0				13.8	
	14.0			4+00	13.8	
	13.7				13.9	
	13.7				14.0	
	13.7				13.7	
2+00	13.9				13.9	
	13.7			50	14.0	
	13.8				14.0	
	13.8				13.9	

O.K.

STA. N. 65400 - WEST 7-31-61

Dist	Sound	Elev	Dist	Sound	Elev
(4.3)	13.9	}			
	13.9				
5+00	13.6		50		
	13.6				
11+10	13.5				
<u> </u>	13.5				
	13.4				
50	13.0		8+00		
	12.7				
	12.6				
	12.3				
	11.9				
6+00	11.8				
	11.3				
	9.5				
	7.2				
	2.0				
50					

(See Sta. N. 66, Pg. 30)

7+00

7-31-61

(57)

PROFILE 10' WLY. OF WLY. EDGE OF
BOAT RAMP ELY. TIERRA DEL FUEGO
0+00 = 34' ELY. FROM B/L (See L.L. sketch)

Dist	Sound	Elev	Dist	Sound	Elev
0+00					
(4.9)					
	2.4	+2.5	(4.9)		
	4.0	+0.9		1.3	+3.6
	4.8	+0.1		2.9	+2.0
50	4.2	+0.7		3.0	+1.9
	4.8	+0.1	50	4.6	+0.3
2+55	5.6	0.7	3+00	5.8	0.9
<u> </u>	9.1	+2.2	<u> </u>	7.3	2.4
	9.6	+4.7		7.8	2.9
1+00	9.0	+4.1		6.6	1.7
	7.1	2.2	1+00	7.6	2.7
	7.4	2.5		7.0	2.1
	10.1	5.2		9.5	4.6
	12.8	7.9		10.2	5.3
50	14.6	9.7		11.5	6.6
	14.6	9.7	50	12.0	7.1
	14.9	10.0		12.6	7.7
	14.6	7.7		12.8	7.9
	14.9	10.0		12.9	8.0
2+00	14.9	10.0		13.2	8.3
			2+00	13.6	8.7

8-01-61

STA. W. 111+00:0+00=N. 8,050: SOUND SOUTH

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(44)	14.9	10.5
(44)			50	15.3	10.9
				15.9	11.5
	2.4	+2.0		16.1	11.7
	5.0	0.6			
50	7.9	3.5			
	12.3	7.9			
11.55	14.2	9.8			
~	14.6	10.2			
	13.6	9.2			
1+00	13.4	9.0			
	13.6	9.2			
	13.6	9.2			
	13.3	8.9			
	13.5	9.1			
50	13.6	9.2			
	13.7	9.3			
-	13.9	9.5			
	13.9	9.5			
	14.0	9.6			
2+00	14.0	9.6			
	14.2	9.8			
	14.4	10.0			
	14.6	10.2			

8-01-61

STA. W. 107+00:0+00=N. 5,500; SOUND NORTH

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(55)	16.5	
			50	16.3	
	0.6			16.3	
	3.0			16.3	
	5.1			15.6	
	7.7			16.0	
50	14.2			15.7	
	16.5		3+00	15.6	
1:20	17.1			15.5	
~	16.8			15.2	
	17.1			15.7	
1+00	15.6			15.8	
	15.9		50	15.9	
	16.1			16.2	
	16.0			16.4	
	15.7			16.4	
50	15.9			16.3	
	15.8		4+00	16.2	
	16.0			15.8	
1:25	15.9			16.0	
~	16.2			16.0	
2+00	16.6			16.0	
	17.0		50	16.1	
	17.0			15.7	
	16.8			16.4	

(58)

STA. W. 107+00 - NORTH

Dist	Sound	Elev	Dist	Sound	Elev
56	15.9		56	11.0	
	15.8			5.0	
5+00	15.6		50	1.0	
	15.2				
1130	15.4				
~	15.1				
	15.2				
50	15.0		8+00		
	15.0				
	15.0				
	14.8				
	14.4				
6+00	14.4				
	14.7				
	15.0				
	15.0				
	15.0				
50	15.2				
	15.1				
	15.1				
	15.2				
	15.2				
7+00	15.2				
	15.1				
	12.9				

8-01-61

STA. W. 106+00; OKO: N. 5480; SOUND NORTH

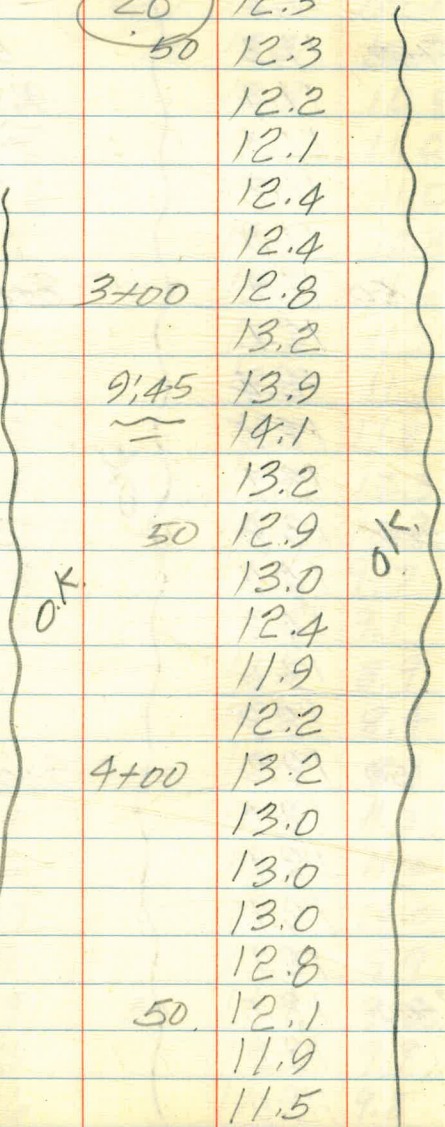
Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.0	+4.6	56	17.2	11.6
56	3.4	+2.2	50	17.3	11.7
	6.1	0.5		17.4	11.8
	6.9	1.3		17.4	11.8
	14.6	9.0		17.7	12.1
50	16.0	10.4		17.7	12.1
	16.1	10.5	3+00	17.5	11.9
2+00	16.1	10.5		17.9	12.3
~	15.8	10.2		18.0	12.4
	15.7	10.1		18.1	12.5
1+00	15.7	10.1		18.2	12.6
	15.6	10.0	50	18.5	12.9
	15.9	10.3		18.0	12.4
	15.9	10.3	2:05	17.9	12.3
	15.7	10.1	=	17.6	12.0
50	15.5	9.9		17.5	11.9
	15.3	9.7	4+00	17.6	12.0
	15.4	9.8		17.2	11.6
	15.4	9.8		17.1	11.5
	15.6	10.0		17.0	11.4
2+00	16.0	10.4		17.0	11.4
	16.2	10.6	50	16.9	11.3
	16.5	10.9		17.2	11.6
	16.9	11.3		17.2	11.6

STA. W. 106+00 - NORTH

8-02-61

Dist	Sound	Elev	Dist	Sound	Elev
(56)	17.2	11.6	(56)	14.8	9.2
	17.0	11.4		14.9	9.3
5+00	17.0	11.4	50	15.0	9.4
	17.1	11.5		14.2	8.6
	17.0	11.4		9.4	3.8
	17.1	11.5		4.7	+0.9
	17.3	11.7			
50	17.5	11.9	8+00		
	17.9	12.3			
	16.8	11.2			
	16.2	10.6			
	15.9	10.3			
6+00	15.9	10.3	50		
	15.8	10.2			
	15.5	9.9			
	15.3	9.7			
	15.1	9.5			
50	15.3	9.7	9+00		
	15.3	9.7			
	15.2	9.6			
	15.2	9.6			
	15.1	9.5			
7+00	15.0	9.4			
	15.0	9.4			
	14.8	9.2			

Dist	Sound	Elev	Dist	Sound	Elev
STA. W. 105+00; OK+00 = N. 5460; SOUND NORTH					
Dist	Sound	Elev	Dist	Sound	Elev
0+00			(20)	12.3	
(20)			50	12.3	
	3.4			12.2	
	8.5			12.1	
	11.2			12.4	
50	11.9			12.4	
	11.8		3+00	12.8	
9:40	11.4			13.2	
—	11.4		9:45	13.9	
	11.4		—	14.1	
1+00	11.3			13.2	
	11.1		50	12.9	
	11.0			13.0	
	11.0			12.4	
	11.2			11.9	
50	11.4			12.2	
	11.5		4+00	13.2	
	11.6			13.0	
	11.6			13.0	
	11.7			13.0	
2+00	11.9			12.8	
	11.9		50	12.1	
	12.0			11.9	
	12.1			11.5	



STA. W. 105+00 - NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(20)	11.6		(21)	12.0	
	11.4			11.9	
5+00	11.3		50	11.8	
	11.4		9:50	11.8	
	11.4		~	11.7	
	11.7			11.5	
	11.8			11.5	
50	11.9		8+00	11.4	
	12.1			11.0	
	12.4			11.0	
	12.5			10.9	
	13.1			11.0	
6+00	13.8		50	10.9	
	14.2			10.8	
	14.3			7.4	
	13.6			4.6	
	12.9				
50	12.2		9+00		
	12.0				
	12.1				
	12.1				
	12.1				
7+00	12.0				
	12.0				
	12.0				

OK

OK

8-02-61

STA. W. 104+00; 0+00 = N. 5,420; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
9+00			(21)	12.6	10.5
(21)			50	12.4	10.3
	1.8	+0.3		12.9	10.8
	5.3	3.2		13.1	11.0
	10.4	8.3		13.1	11.0
50	12.0	9.9		12.9	10.8
	12.2	10.1	3+00	13.7	11.6
10+00	12.1	10.0		13.8	11.7
~	12.0	9.9		13.8	11.7
	12.0	9.9		13.9	11.8
1+00	11.9	9.8		14.4	12.3
	11.8	9.7	50	13.0	10.9
	11.9	9.8		11.8	9.7
	11.5	9.4		11.2	9.1
	11.2	9.1		11.0	8.9
50	11.2	9.1		10.5	8.4
	11.2	9.1	4+00	10.4	8.3
	11.3	9.2		13.4	11.3
	11.7	9.6		13.3	11.2
	11.8	9.7		12.1	10.0
2+00	12.0	9.9		12.0	9.9
	12.0	9.9	50	11.9	9.8
	12.4	10.3		12.0	9.9
	12.7	10.6		11.9	9.8

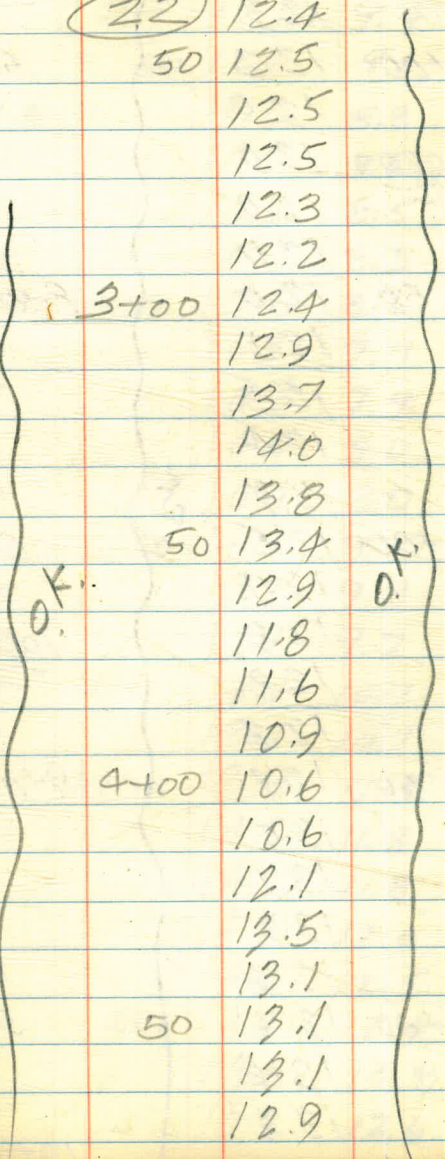
STA. W. 104+00 - NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(2.2)	11.3	9.1	(2.2)	12.4	10.2
	11.4	9.2		12.8	10.6
5+00	11.9	9.7	50	12.9	10.7
	11.6	9.4		13.0	10.8
	11.8	9.6		12.6	10.4
10:05	11.9	9.7		12.8	10.6
<u>—</u>	12.0	9.8		12.3	10.1
50	12.3	10.1	8+00	13.0	10.8
	12.0	9.8		12.6	10.4
	12.2	10.0		13.1	10.9
	12.7	10.5		13.1	10.9
	12.9	10.7		13.0	10.8
6+00	12.8	10.6	50	12.9	10.7
	12.8	10.6		12.9	10.7
	13.0	10.8		11.5	9.3
	13.0	10.8		14.3	12.1
	12.7	10.5		14.2	12.0
50	13.0	10.8	9+00	13.5	11.3
	13.0	10.8		12.9	10.7
	12.8	10.6		12.8	10.6
	12.9	10.7		12.4	10.2
	12.9	10.7		12.0	9.8
7+00	12.9	10.7	50	11.3	9.1
	12.8	10.6		11.1	8.9
	12.4	10.2		11.0	8.8
				10.9	8.7

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STA. W. 103+00; 0+00 - N. 5400; SOUND NORTH

DIST	Sound	Elev	DIST	Sound	Elev
			(2.2)	12.4	
			50	12.5	
				12.5	
				12.5	
				12.3	
				12.2	
			50	10.8	
				11.6	
			3+00	12.4	
				12.9	
				13.7	
				14.0	
				13.8	
			50	13.4	
				12.9	
				11.8	
				11.6	
				10.9	
			50	12.0	
				12.1	
			4+00	10.6	
				10.6	
				12.1	
				13.5	
				13.1	
			50	13.1	
				13.1	
				12.9	
				12.4	
				12.2	
			2+00	12.1	
				12.1	
				12.2	
				12.4	



STA. W. 103+00-NORTH

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(23)	12.6		(2.3)	12.4	
	12.3			12.3	
5+00	12.2		50	12.7	
	12.0			12.7	
10+00	12.0			12.6	
	12.0			12.5	
	12.0			12.6	
50	12.0		8+00	12.8	
	12.1			12.7	
	12.5			13.0	
	12.4			12.8	
	12.3			12.5	
6+00	12.5		50	13.3	
	12.7			14.1	
	12.8		10+00	14.2	
	12.8			14.0	
	12.8			13.4	
50	12.7		9+00	13.2	
	13.0			13.1	
	13.1			12.8	
	13.3			12.8	
	13.6			12.2	
7+00	13.6		50	12.0	
	13.6			11.8	
	13.4			11.5	
				11.5	
				11.4	
			10+00	11.5	

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STA. W. 102+00.0+00-N 5,380'			SOUND NORTH		
DIST	SOUND	ELEV	DIST	SOUND	ELEV
(0+00)			(2.4)	11.8	9.4
(2.9)			50	11.5	9.1
	0.0	+2.4		11.2	8.8
	2.3	+0.1		11.0	8.6
	4.9	2.5		10.9	8.5
50	10.8	8.4		10.7	8.3
	12.1	9.7	3+00	10.6	8.2
10:35	12.2	9.8		10.3	7.9
	12.1	9.7		10.3	7.9
	12.2	9.8		10.4	8.0
1+00	12.2	9.8		10.4	8.0
	12.0	9.6	50	11.9	9.5
	11.4	9.0		12.2	9.8
	11.4	9.0		12.1	9.7
	11.2	8.8		13.1	10.7
50	11.1	8.7		13.1	10.7
	11.1	8.7	4+00	13.9	11.5
	11.1	8.7		14.2	11.8
	11.1	8.7		14.2	11.8
"	11.5	9.1		14.4	12.0
2+00	11.8	9.4		14.9	12.5
	12.0	9.6	50	14.8	12.4
	12.0	9.6		14.8	12.4
	11.9	9.5		15.0	12.6

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STA. W. 102+00 - NORTH

DIST	Sound	Elev	DIST	Sound	Elev
(24)	15.5	13.1	(25)	12.2	9.7
	15.5	13.1		12.0	9.5
5+00	15.1	12.7	50	12.0	9.5
	15.1	12.7		11.8	9.3
	15.1	12.7		11.9	9.4
	15.1	12.7		11.9	9.4
	16.0	13.6		12.0	9.5
50	15.7	13.3	8+00	12.1	9.6
	15.9	13.5		12.2	9.7
	15.3	12.9	10+00	12.6	10.1
	15.9	13.5		12.8	10.3
	15.7	13.3		13.4	10.9
6+00	15.0	12.6	50	13.1	10.6
	15.0	12.6		13.5	11.0
	15.1	12.7		15.3	12.8
	15.1	12.7		15.8	13.3
	15.3	12.9		15.2	12.7
50	15.2	12.8	9+00	14.8	12.3
	14.9	12.5		14.4	11.9
	13.8	11.4		13.9	11.4
	13.0	10.6		13.5	11.0
	13.1	10.7		13.5	11.0
7+00	13.1	10.7	50	13.8	11.3
	13.0	10.6		13.7	11.2
	12.0	9.6		13.5	11.0

STA. W. 102+00 - NORTH

DIST	Sound	Elev
(25)	13.2	10.7
	12.8	10.3
10+00	12.9	10.4
	13.1	10.6
	13.0	10.5
	12.8	10.3
	12.8	10.3
50	12.8	10.3
	12.8	10.3
10+05	12.7	10.2
	12.5	10.0
	12.5	10.0
11+00	12.5	10.0

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STA. W. 101+00 TO 100-N. 5,360 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

(27)

0.6

4.3

50 9.1

11.3

10:55 11.9

12.1

12.1

1+00 12.0

11.6

11.3

11.1

11.1

50 11.0

11.0

10.8

10.9

10.8

2+00 10.7

10.9

11.0

11.1

(27)

11.0

50 11.1

11.2

11.2

11.3

11.2

3+00 11.4

11.3

11.3

11.3

11.4

50 11.5

11.4

11.2

11.4

11.9

4+00 12.6

12.7

12.9

12.8

13.0

50 13.1

13.1

13.1

STA. W. 101+00-NORTH

Dist Sound Elev Dist Sound Elev

(27)

13.4

13.6

5+00 13.7

13.6

13.7

13.8

13.8

50 13.7

13.7

13.2

13.3

13.8

6+00 14.0

14.2

14.2

14.1

14.0

50 14.0

14.1

14.4

14.7

15.0

7+00 15.0

13.2

12.5

(28)

12.4

12.4

50 12.3

13.1

13.4

13.4

13.1

8+00 12.7

12.5

13.0

13.3

12.9

50 13.4

13.3

14:00 13.8

13.6

13.5

9+00 13.9

13.7

14.0

13.6

13.3

50 13.1

13.3

13.0

(65)

STA. W. 101+00-NORTH

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DIST	Sound	Elev	DIST	Sound	Elev
(28)	13.2	}			
	13.0				
10+00	13.3				
	13.4				
	13.5				
	13.7				
	14.0				
50	13.9				
	14.1				
	14.2				
	14.0				
	13.9				
11+00	14.1				

0.4

STA. W. 100+00	0+00=N. 5.360	Sound	NORTH		
DIST	Sound	Elev	DIST	Sound	Elev
	0+00		(30)	11.5	8.5
			50	11.7	8.7
(30)	1.6	+1.4		11.8	8.8
	7.9	4.9		11.9	8.9
50	10.9	7.9		12.2	9.2
50	13.0	10.0		12.8	9.8
	14.0	11.0	3+00	12.9	9.9
11:10	14.2	11.2		13.0	10.0
	13.7	10.7		13.0	10.0
1+00	13.1	10.1		12.8	9.8
1+00	13.0	10.0		13.5	10.5
	12.2	9.2	50	13.1	10.1
	12.2	9.2	STOP	13.6	10.6
	12.0	9.0	FOR	13.4	10.4
50	11.4	8.4	TOP	13.9	10.9
50	11.1	8.1	PIPE	13.3	10.3
	11.0	8.0	(31)	13.1	10.0
	10.9	7.9	4+00	13.0	9.9
	10.9	7.9		13.8	10.7
	10.4	7.4		13.4	10.3
2+00	10.9	7.9		14.0	10.9
	10.9	7.9	50	13.9	10.8
	11.0	8.0		13.7	10.6
	11.1	8.1		13.7	10.6

STA. W. 100+00-NORTH 8-02-61

Dist	Sound	Elev	Dist	Sound	Elev
(3)	13.7	10.6	(32)	12.8	9.6
	13.7	10.6		13.3	10.1
5+00	13.8	10.7	50	13.4	10.2
	13.9	10.8		14.2	11.0
	13.8	10.7	11:20	14.7	11.5
	13.8	10.7	≈	14.2	11.0
	13.8	10.7		13.7	10.5
50	14.0	10.9	8+00	14.1	10.9
	14.0	10.9		14.2	11.0
	14.2	11.1		14.0	10.8
	14.1	11.0		14.9	11.7
	13.9	10.8		14.4	11.2
6+00	13.9	10.8	50	12.6	9.4
	13.5	10.4		13.0	9.8
	13.8	10.7		13.0	9.8
	13.9	10.8		12.9	9.7
	14.5	11.4		13.1	9.9
50	14.7	11.6	9+00	13.0	9.8
	14.9	11.8		12.6	9.4
	14.9	11.8		12.6	9.4
	14.9	11.8		13.0	9.8
	12.9	9.8		12.9	9.7
7+00	12.8	9.7	50	13.2	10.0
	12.8	9.7		13.5	10.3
	12.7	9.6		13.5	10.3

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STA. W. 100+00-NORTH

Dist	Sound	Elev
(32)	13.8	10.6
	13.6	10.9
10+00	13.8	10.6
	13.9	10.7
	14.0	10.8
	14.0	10.8
	13.8	10.6
50	13.9	10.7
	13.9	10.7
	14.1	10.9
	13.7	10.5
	13.2	10.0
11+00	13.2	10.0

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STA. W. 99+00 - NORTH			STA. W. 99+00 - NORTH		
Dist	Sound	Elev	Dist	Sound	Elev
0+00			33	13.7	
(33)			50	13.7	
	1.4			13.7	
	3.2			13.7	
	5.8			13.6	
50	11.9			13.6	
	13.6		3+00	13.5	
11:30	14.1			13.7	
	14.1			13.7	
	14.0			13.7	
1+00	13.8			13.8	
	13.8		50	13.8	OK
	13.6			14.1	
	13.7			14.6	
	13.7			14.3	
50	13.6			13.7	
	13.8		4+00	12.5	
	13.9			12.3	
	13.9			12.2	
	13.8			11.9	
2+00	13.8			12.1	
	13.9		50	12.2	
	13.7			12.2	
	13.8			12.3	

STA. W. 99+00 - NORTH

(68)

Dist	Sound	Elev	Dist	Sound	Elev
(3.4)	12.1		(3A)	14.1	
	12.1			14.3	
5+00	12.6		50	14.3	
	13.0			13.4	
11:35	13.0			12.8	
	12.5			12.6	
	13.3			12.5	
50	12.4		8+00	12.5	
	13.2			12.9	
	13.0			12.8	
	13.5			13.0	
	12.9			12.9	OK
6+00	13.3	OK	50	12.8	
	13.7			12.9	
	13.8			12.9	
	13.1			13.0	
	13.6			13.0	
50	13.7		9+00	13.1	
	13.9			13.3	
	14.0			12.7	
	13.8			12.9	
	13.8			13.1	
7+00	14.0		50	13.3	
	14.2			13.4	
	14.0			13.5	

STA. W. 99+00 - NORTH

Dist	Sound	Elev.
<u>3.5</u>	13.5	
	13.5	
10+00	13.5	
	13.4	
11:40	13.3	
<u> </u>	13.3	
	13.3	
50	13.2	
	13.2	
	13.1	
	13.0	
	13.0	
11+00	13.0	

O.K.

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STA. W. 98+00, 0+00 = N. 5, 310; SOUND NORTH

Dist	Sound	Elev	Dist	Sound	Elev
0+00			<u>50</u>	15.1	10.1
<u>49</u>	1.2 + 3.7		50	15.1	10.1
	2.5 + 2.4			15.3	10.3
	4.5 + 0.4			15.5	10.5
	5.9	1.0		15.7	10.7
50	13.4	8.5		15.7	10.7
	15.1	10.2	3+00	15.8	10.8
1:15	15.8	10.9		15.5	10.5
<u> </u>	16.0	11.1		15.5	10.5
	16.0	11.1		15.2	10.2
1+00	16.1	11.2		15.2	10.2
	16.0	11.1	50	15.6	10.6
	15.8	10.9		16.0	11.0
	15.5	10.6	1:20	16.3	11.3
	15.9	11.0	<u> </u>	16.4	11.4
50	16.0	11.1		16.2	11.2
	15.9	11.0	4+00	15.3	10.3
	15.9	11.0		15.0	10.0
	15.7	10.8		13.4	8.4
	15.5	10.6		13.1	8.1
2+00	15.4	10.5		12.8	7.8
	15.1	10.2	50	12.8	7.8
	15.2	10.3		13.0	8.0
	15.1	10.2		13.3	8.3

STA. W. 98+00-NORTH 8-02-61

DIST	Sound	Elev	DIST	Sound	Elev
(50)	14.1	9.1	(50)	14.2	9.2
	15.6	10.6		14.2	9.2
5+00	15.6	10.6	50	14.6	9.6
	16.0	11.0	1:25	14.7	9.7
	16.3	11.3	<u> </u>	14.8	9.8
	15.9	10.9		15.0	10.0
	15.4	10.4		15.0	10.0
50	15.6	10.6	8+00	15.0	10.0
	15.1	10.1		14.7	9.7
	15.0	10.0		14.5	9.5
	15.0	10.0		14.6	9.6
	15.3	10.3		14.9	9.9
6+00	15.9	10.9	50	15.0	10.0
	15.8	10.8		15.0	10.0
	16.0	11.0		15.0	10.0
	15.6	10.6		15.0	10.0
	16.2	11.2		14.4	9.4
50	15.9	10.9	9+00	14.1	9.1
	15.6	10.6		14.2	9.2
	16.0	11.0		15.0	10.0
	16.0	11.0		15.0	10.0
	14.9	9.9		14.8	9.8
7+00	14.4	9.4	50	14.9	9.9
	14.4	9.4		14.8	9.8
	14.1	9.1		14.5	9.5

STA. W. 98+00-NORTH

DIST	Sound	Elev
(50)	14.2	9.2
	14.2	9.2
10+00	14.7	9.7
	14.7	9.7
	14.3	9.3
	14.2	9.2
	14.0	9.0
50	14.0	9.0
	13.9	8.9
	13.2	8.2
	13.9	8.9
	13.9	8.9
11+00	14.0	9.0

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STA. W. 97+00			0+00-N. 5.300			SOUND NORTH		
Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev
0+00			(5.1)	15.7				
(5.1)	2.0		50	15.8				
	3.8			16.0				
	6.3			16.2				
	12.0			16.0				
50	15.2			16.1				
	15.1		3+00	16.3				
1:35	15.8			16.5				
	15.9			16.4				
	15.9			16.3				
1+00	16.0			16.3				
	16.2		50	16.9				
	15.7			17.0				
	15.7			17.0				
	15.8			17.0				
50	15.9			17.2				
	16.0		4+00	16.3				
	15.8			15.5				
	15.8			14.9				
	15.9			15.3				
2+00	16.0			15.1				
	16.0		50	14.7				
	16.0			15.2				
	15.9			15.4				

O.K.

O.K.

STA. W. 97+00-NORTH			STA. W. 97+00-NORTH		
Dist	Sound	Elev	Dist	Sound	Elev
(5.2)	15.5		(5.2)	15.9	
	15.6			16.0	
5+00	15.2		50	15.9	
	15.4			15.9	
	14.6			16.2	
1:40	14.5			16.0	
	14.7			15.7	
50	14.8		8+00	15.4	
	14.8			15.1	
	14.9			14.7	
	15.1			14.9	
	15.1			15.0	
6+00	15.5		50	15.1	
	16.0			14.8	
	16.0			15.2	
	16.0			15.2	
	16.3			15.2	
50	16.1		9+00	14.0	
	16.1			11.3	
	16.2			9.1	
	16.2			5.6	
	16.3			3.7	
7+00	16.2		50	1.1	
	15.8				
	15.9				

O.K.

O.K.

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STA. W. 97+00 - NORTH

Dist Sound Elev

10+00

50

11+00

(72)

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STA. W. 96+00; 0+00 = N. 5, 280; SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

(5.3) 15.4 10.1

(5.3) 1.2 +9.1 50 15.4 10.1

3.6 +1.7 15.4 10.1

5.5 0.2 15.4 10.1

10.4 5.1 15.8 10.5

50 14.2 8.9 15.9 10.6

15.7 10.4 3+00 16.2 10.9

1:55 16.1 10.8 16.5 11.2

16.0 10.7 16.3 11.0

16.0 10.7 16.3 11.0

1+00 15.7 10.4 16.3 11.0

16.0 10.7 50 16.3 11.0

16.2 10.9 16.5 11.2

16.0 10.7 16.7 11.4

16.0 10.7 16.9 11.6

50 16.0 10.7 16.9 11.6

15.5 10.2 4+00 16.7 11.4

15.5 10.2 16.1 10.8

15.3 10.0 15.9 10.6

15.6 10.3 15.2 9.9

2+00 15.5 10.2 15.2 9.9

15.5 10.2 50 15.5 10.2

15.0 9.7 16.1 10.8

15.4 10.1 16.1 10.8

STA. W. 96+00-NORTH

DIST	Sound	ELEV	DIST	Sound	ELEV
53	16.0	10.7	53	15.5	10.2
	15.6	10.3		15.7	10.4
5+00	14.9	9.6	50	15.7	10.4
	15.0	9.7		16.0	10.7
	15.1	9.8		15.8	10.5
2:00	15.0	9.7		15.9	10.6
	14.4	9.1		15.7	10.4
50	14.6	9.3	8+00	16.0	10.7
	14.9	9.6		14.8	9.5
	14.5	9.2		12.0	6.7
	14.5	9.2		8.5	3.2
	14.6	9.3		7.3	2.0
6+00	14.8	9.5	50	3.6	+1.7
	15.0	9.7		1.2	+4.1
	15.2	9.9			
	15.0	9.7			
	15.4	10.1			
50	15.0	9.7	9+00		
	15.8	10.5			
	16.0	10.7			
	15.1	9.8			
	16.1	10.8			
7+00	16.1	10.8	50		
	15.9	10.6			
	15.9	10.6			

8-02-61

STA. W. 95+00:0+00 = N. 5,260; SOUND NORTH

DIST	Sound	ELEV	DIST	Sound	ELEV
0+00			3.5	16.6	
55	1.0		50	16.7	
	3.6			16.5	
	5.6			16.7	
	8.3			16.6	
50	11.9			16.5	
	13.7		3+00	16.6	
2:15	14.8			16.7	
	16.0			16.8	
	16.0			16.8	
1+00	15.9			16.8	
	16.1		50	16.9	
	16.0			17.2	
	16.2			18.0	
	16.5			18.1	
50	16.1			17.5	
	16.3		4+00	16.1	
	16.2			16.1	
	16.4			15.7	
	16.5			15.3	
2+00	16.3			15.3	
	16.7		50	15.3	
	16.4			15.2	
	16.5			15.0	

OK.

HEAVY RAIN

OK.

5TA. W. 95700 - NORTH

DIST	Sound	Elev	DIST	Sound	ELEV
(35)	15.2	}	(35)	15.2	}
	15.0			14.6	
5+00	14.6		50	10.2	
	14.9			8.1	
2:20	14.7			3.8	
	14.7			0.5	
	14.6				
50	14.7		8+00		
	14.8				
	14.8				
	14.8				
	14.9				
6+00	14.8		0	50	
	14.6				
	15.0				
	15.2				
	15.0				
50	15.8	9+00			
	15.9				
	16.0				
	15.8				
	15.7				
7+00	15.3				
	15.2				
	15.2				

8-02-61

(24)

5TA. W. 94100: 0+00 = N. 5, 240: SOUND NORTH

DIST	Sound	ELEV	DIST	Sound	ELEV
0+00			(3.6)	17.8	12.2
(55)	1.5	+4.0	50	17.8	12.2
	3.0	+2.5	LOTS	18.1	12.5
	4.2	+1.3	OF	18.3	12.7
	6.7	1.2	MUCK	18.5	12.9
50	13.1	7.6		18.6	13.0
	14.9	9.4	3+00	18.8	13.2
2:30	15.0	9.5		18.5	12.9
	15.5	10.0	2:35	18.5	12.9
	16.2	10.7		18.6	13.0
1+00	16.6	11.1		18.6	13.0
	17.0	11.5	50	18.2	12.6
	17.3	11.8		18.3	12.7
	17.0	11.5		18.4	12.8
	17.0	11.5		18.2	12.6
50	17.1	11.6		18.5	12.9
	16.8	11.3	4+00	18.5	12.9
	17.0	11.5		17.0	11.4
	17.4	11.9		16.1	10.5
	17.4	11.9		15.9	10.3
2+00	17.2	11.7		15.1	9.5
	17.6	12.1	50	15.2	9.6
	17.8	12.3		15.5	9.9
	17.8	12.3		15.7	10.1

STA. W. 94+00-NORTH

Dist	Sound	Elev	Dist	Sound	Elev
(56)	15.8	10.2	(56)	3.0	+2.6
	15.9	10.3		0.4	+5.2
5+00	15.8	10.2	50		
	15.8	10.2			
	16.0	10.4			
	15.9	10.3			
	15.9	10.3			
50	15.8	10.2	8+00		
	15.4	9.8			
	15.9	10.3			
	15.7	10.1			
	15.9	10.3			
6+00	16.0	10.4	50		
	16.0	10.4			
	15.9	10.3			
	15.4	9.8			
	15.8	10.2			
50	15.8	10.2	9+00		
	16.0	10.3			
	15.6	10.0			
	15.8	10.2			
	15.8	10.2			
7+00	15.0	9.4			
	14.3	8.7			
	8.1	2.5			

8-02-61

(15)

STA. W. 93+00; 0+00-N. 5,230; SOUND NORTH					
Dist	Sound	Elev	Dist	Sound	Elev
0+00			(57)		14.6
(57)	2.0		50		14.7
	4.4				14.9
	6.2				15.0
	9.1				15.0
50	13.6				15.0
	14.8		3+00		14.9
2:50	15.1				14.7
~	14.8				14.9
	14.9				14.8
1+00	14.9				15.2
	15.0		50		15.7
	14.6				16.0
	14.5				15.5
	14.6				15.6
50	14.8				15.7
	14.5		4+00		15.3
	14.6				14.7
	14.7				15.2
	14.5				15.1
2+00	14.6				15.9
	14.6		50		15.1
	14.8				15.7
	14.5				15.6

OK

OK

STA. W. 93+00 - NORTH

DIST	Sound	Elev	DIST	Sound	Elev			
(57)	15.2	}	50					
	15.2							
5+00	15.2							
	15.7							
	16.0							
	15.7							
	15.7							
50	15.6					8+00		
	15.9							
	15.8							
	16.4	}	50					
	16.0							
6+00	15.6							
	16.4							
	16.2							
	16.2							
50	16.0					9+00		
	15.9							
	14.9							
	11.6							
	5.8							
7+00	0.5							

o.k.

8-08-61

(76)

STA. N 69+00, 0+00 = W 10,420 SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(41)	13.8	
			50	13.7	
(41)	0.2			14.1	
	2.6			14.4	
	5.7			14.4	
50	8.1			14.0	
	9.0		3+00	14.0	
11:00	9.7				
~	10.2				
	10.4				
1+00	11.0				
	11.6		50		
	11.3				
	11.7				
	11.7				
50	11.7				
	11.7		4+00		
	11.3				
	12.0				
	12.1				
2+00	11.9				
	12.1		50		
	12.3				
	13.2				

STA. W. 92+00 - NORTH

Dist Sound Elev Dist Sound Elev

5+00 50

50 8+00

6+00 50

50 9+00

7+00

(77)

STA. W. 91+400; 0+00 = N. 5,200; SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00 50

50 3+00

1+00 50

50 4+00

2+00 50

STA. W. 91+00 - NORTH
 DIST SOUND ELEV DIST SOUND ELEV

5+00 50

50 8+00

6+00 50

50 9+00

7+00

8-02-61

END SEC'S @ N. SIDE OF MIDSPAN (78)
 OF N. INGRAHAM ST. BRIDGE
 0+00 = ELY. EDGE OF BRIDGE
 & NLY PILING; SEC'S INCREASEWLY,
 (SEE FB, 138) STA. 0+30; SOUND SLY;

DIST SOUND ELEV DIST SOUND ELEV
 0+00

0+02 8.7 3.0

03 9.4 3.7

04 9.6 3.9

(1.5) 05 10.6 4.9

06 11.2 5.5

07 11.6 5.9

08 11.9 6.2

09 12.1 6.4

0+10 12.4 6.7

SEL. 0+40

0+02 9.4 3.7

03 9.4 3.7

04 10.0 4.3

05 10.2 4.5

1/2 m 06 10.8 5.1

07 10.6 4.9

08 12.1 6.4

09 12.5 6.8

0+10 13.8 8.1

(CONT'D ELY FB N^o 139)

8-02-61

(5.7)

SEC @ 0+50

DIST	Sound	Elev
0+02	9.7	4.0
03	9.3	3.6
04	9.5	3.8
05	9.5	3.8
06	9.5	3.8
07	10.0	4.3
08	11.0	5.3
09	11.4	5.7
0+10	12.2	6.5
0+11	12.6	6.9
0+12	14.2	8.5
0+13	15.1	9.4

IMPROVED TABLES AND INFORMATION

HORIZONTAL STADIA CORRECTIONS

2°-00' — 0.1	21°-00' — 12.8	33°-00' — 29.7
3°-00' — 0.3	21°-30' — 13.4	33°-15' — 30.1
4°-00' — 0.5	22°-00' — 14.0	33°-30' — 30.5
5°-00' — 0.8	22°-30' — 14.7	33°-45' — 30.9
6°-00' — 1.1	23°-00' — 15.3	34°-00' — 31.3
7°-00' — 1.5	23°-30' — 15.9	34°-15' — 31.7
8°-00' — 1.9	24°-00' — 16.5	34°-30' — 32.1
9°-00' — 2.5	24°-30' — 17.2	34°-45' — 32.5
10°-00' — 3.0	25°-00' — 17.9	35°-00' — 32.9
10°-30' — 3.3	25°-30' — 18.6	35°-15' — 33.3
11°-00' — 3.6	26°-00' — 19.2	35°-30' — 33.7
11°-30' — 4.0	26°-30' — 19.9	35°-45' — 34.1
12°-00' — 4.3	27°-00' — 20.6	36°-00' — 34.6
12°-30' — 4.7	27°-30' — 21.3	36°-15' — 35.0
13°-00' — 5.1	28°-00' — 22.0	36°-30' — 35.4
13°-30' — 5.5	28°-30' — 22.8	36°-45' — 35.8
14°-00' — 5.9	29°-00' — 23.5	37°-00' — 36.2
14°-30' — 6.3	29°-30' — 24.3	37°-15' — 36.6
15°-00' — 6.7	30°-00' — 25.0	37°-30' — 37.1
15°-30' — 7.2	30°-15' — 25.4	37°-45' — 37.5
16°-00' — 7.6	30°-30' — 25.8	38°-00' — 37.9
16°-30' — 8.1	30°-45' — 26.2	38°-15' — 38.3
17°-00' — 8.5	31°-00' — 26.5	38°-30' — 38.7
17°-30' — 9.0	31°-15' — 26.9	38°-45' — 39.1
18°-00' — 9.5	31°-30' — 27.3	39°-00' — 39.6
18°-30' — 10.1	31°-45' — 27.7	39°-15' — 40.0
19°-00' — 10.6	32°-00' — 28.1	39°-30' — 40.5
19°-30' — 11.2	32°-15' — 28.5	
20°-00' — 11.7	32°-30' — 28.9	
20°-30' — 12.3	32°-45' — 29.3	

Chains to Feet

1	66
2	132
3	198
4	264
5	330
6	396
7	462
8	528
9	594
10	660

Feet to Chains

100	1.515
200	3.030
300	4.545
400	6.060
500	7.575
600	9.090
700	10.606
800	12.121
900	13.636
1,000	15.151

$$\begin{array}{r} 33 \overline{) 165} \\ \underline{165} \\ 0 \end{array}$$

2.3 CY

$$\begin{array}{r} 27 \overline{) 62} \\ \underline{54} \\ 80 \\ \underline{81} \\ 1 \end{array}$$

