

MB 150



1930

MICROFILMED

JAN 8 1953

MB 160

JAN 8 1953  
CIVIL SERVICE



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7-11-62

LOG OF TEST HOLES MARINELAND  
LEASE AREA 5 1/2 Y. MISSION BAY

STA. N. 4850; 0+00 = W. 13, 200

| Sta   | Elev. | Silt | Sand | Remarks    |
|-------|-------|------|------|------------|
| 0     | 22.3  | 1.5  | Silt | Sand Below |
| E 50  | 21.8  | 3.0  |      | " "        |
| E 100 | 22.2  | 2.8  |      | " "        |
| E 150 | 22.3  | 3.5  |      | " "        |
| E 200 | 22.7  | 4.0  | 1.8  | Sand Above |
| E 250 | 23.0  | 4.6  | 2.7  | " "        |
| E 300 | 23.1  | 5.2  | 2.2  | " "        |
| E 350 | 23.3  | 5.9  | 3.2  | " "        |
| E 400 | 23.7  | 7.2  | 3.2  | " "        |
| E 450 | 23.6  | 7.4  | 3.5  | " "        |
| E 500 | 24.0  | 8.0  | 4.0  | " "        |
| E 550 | 24.1  | 8.0  | 5.4  | " "        |
| E 600 | 24.0  | 7.0  | 5.4  | " "        |

7.0

STA. N. 4,900; 0+00 = W/2, 600

| Sta   | Elev | Silt | Sand | Remarks                 |
|-------|------|------|------|-------------------------|
| 0     | 23.8 | 8.0  | 5.0  | Sand Above              |
| W 50  | 23.7 | 8.0  | 4.2  | " "                     |
| W 100 | 23.7 | 8.0  | 5.6  | " "                     |
| W 150 | 23.3 | 7.5  | 5.0  | Sand Above<br>& Below   |
| W 200 | 23.4 | 6.3  | 4.5  | " "                     |
| W 250 | 23.3 | 5.9  | 3.5  | " "                     |
| W 300 | 23.1 | 0.0  | 5.0  | All Sand                |
| W 350 | 22.7 | 4.0  | 2.5  | Sand Above<br>& Below   |
| W 400 | 22.7 | 4.0  | 2.0  | " "                     |
| W 450 | 22.5 | 3.1  | 1.6  | " "                     |
| W 500 | 22.6 | 1.4  |      | Silt Above - Sand Below |
| W 550 | 22.1 | 2.5  |      | " " " "                 |

①



7-12-62

STAN 49450; 0+00 = W 13200

| STA  | ELEV | SILT                   | SAND           | REMARKS    |
|------|------|------------------------|----------------|------------|
| 0    | 22.7 | 1°                     |                | SAND BELOW |
| E50  | 22.6 | 1 <sup>5</sup>         |                | " "        |
| E100 | 22.6 | 2°                     |                | " "        |
| E150 | 22.7 | 2 <sup>9</sup>         |                | " "        |
| E200 | 22.6 | 3 <sup>3</sup>         |                | " "        |
| E250 | 22.7 | 4 <sup>1</sup>         | 2°             | SAND ABOVE |
| E300 | 23.2 | 5°                     | 3 <sup>5</sup> | " "        |
| E350 | 23.1 | 5 <sup>6</sup>         | 3°             | " "        |
| E400 | 23.0 | 6 <sup>1</sup>         | 2 <sup>5</sup> | " "        |
| E450 | 23.1 | 6 <sup>8</sup>         | 3 <sup>5</sup> | " "        |
| E500 | 23.3 | 7 <sup>5</sup>         | 3 <sup>5</sup> | " "        |
| E550 | 23.5 | 7 <sup>5</sup>         | 3 <sup>5</sup> | " "        |
| E600 | 23.3 | 7 <sup>5+</sup><br>H2O | 3 <sup>5</sup> | " "        |

(2)

STAN 50400; 0+00 = W 13200

| STA  | ELEV | SILT                      | SAND           | REMARKS    |
|------|------|---------------------------|----------------|------------|
| 0    | 23.0 | 0°                        |                | SAND BELOW |
| E50  | 23.0 | 1 <sup>2</sup>            |                | " "        |
| E100 | 22.7 | 2°                        |                | " "        |
| E150 | 22.3 | 2 <sup>4</sup>            |                | " "        |
| E200 | 22.4 | 3°                        |                | " "        |
| E250 | 22.6 | 4°                        | 2°             | SAND ABOVE |
| E300 | 23.0 | 5°                        | 3 <sup>5</sup> | " "        |
| E350 | 23.0 | 5 <sup>5</sup>            | 3°             | " "        |
| E400 | 22.9 | 6°                        | 2°             | " "        |
| E450 | 23.0 | 6 <sup>8</sup>            | 3°             | " "        |
| E500 | 23.0 | 7 <sup>5</sup>            | 3 <sup>5</sup> | " "        |
| E550 | 23.3 | 7 <sup>5</sup>            | 3 <sup>7</sup> | " "        |
| E600 | 22.9 | (7 <sup>5+</sup> )<br>H2O | 4°             | " "        |



STAN 50+50; 0+00 = W 13200

| STA  | ELEV | SILT                       | SAND | REMARKS    |
|------|------|----------------------------|------|------------|
| 0    | 22.8 | 0.6                        |      | SAND BELOW |
| E50  | 22.8 | 1.5                        |      | " "        |
| E100 | 22.4 | 1.8                        |      | " "        |
| E150 | 22.4 | 2.5                        |      | " "        |
| E200 | 22.2 | 3.0                        |      | " "        |
| E250 | 22.3 | 4.1                        | 3.0  | SAND ABOVE |
| E300 | 22.7 | 4.7                        | 3.5  | " "        |
| E350 | 22.9 | 5.6                        | 3.5  | " "        |
| E400 | 22.8 | 5.8                        | 2.5  | " "        |
| E450 | 22.8 | 6.4                        | 2.5  | " "        |
| E500 | 22.9 | 7.2                        | 3.5  | " "        |
| E550 | 22.8 | 7.4                        | 3.5  | " "        |
| E600 | 22.7 | (7.5+)<br>H <sub>2</sub> O | 3.5  | " "        |

STAN 51+00; 0+00 = W 13200

| STA  | ELEV | SILT | SAND | REMARKS    |
|------|------|------|------|------------|
| 0    | 22.6 | 0.5  |      | SAND BELOW |
| E50  | 22.5 | 1.9  |      | " "        |
| E100 | 22.6 | 2.5  |      | " "        |
| E150 | 22.5 | 3.1  |      | " "        |
| E200 | 22.3 | 3.3  |      | " "        |
| E250 | 22.8 | 4.4  | 3.0  | SAND ABOVE |
| E300 | 22.7 | 4.7  | 2.5  | " "        |
| E350 | 22.7 | 4.9  | 3.0  | " "        |
| E400 | 22.7 | 5.6  | 3.0  | " "        |
| E450 | 22.6 | 6.3  | 2.5  | " "        |
| E500 | 22.7 | 7.3  | 4.0  | " "        |
| E550 | 22.6 | 6.9  | 4.0  | " "        |
| E600 | 22.7 | 6.6  | 4.0  | " "        |



STAN 51750; 0+00 = W13200

| STA  | ELEV | SILT           | SAND           | REMARKS    |
|------|------|----------------|----------------|------------|
| 0    | 22.2 | 1 <sup>5</sup> |                | SAND BELOW |
| E50  | 22.6 | 2 <sup>4</sup> |                | " "        |
| E100 | 22.6 | 2 <sup>9</sup> |                | " "        |
| E150 | 22.6 | 3 <sup>4</sup> |                | " "        |
| E200 | 22.5 | 3 <sup>6</sup> |                | " "        |
| E250 | 22.6 | 4.3            | 2 <sup>5</sup> | SAND OVER  |
| E300 | 22.4 | 4 <sup>5</sup> | 2 <sup>5</sup> | " "        |
| E350 | 22.6 | 5 <sup>3</sup> | 2 <sup>5</sup> | " "        |
| E400 | 22.4 | 5 <sup>4</sup> |                | SAND BELOW |
| E450 | 22.4 | 5 <sup>9</sup> | 2 <sup>5</sup> | SAND ABOVE |
| E500 | 22.8 | 7 <sup>0</sup> | 4 <sup>0</sup> | " "        |
| E550 | 22.6 | 6 <sup>2</sup> | 3 <sup>5</sup> | " "        |
| E600 | 22.4 | 6 <sup>6</sup> | 4 <sup>0</sup> | " "        |

(4)

STAN 52700; 0+00 = W13200

| STA  | ELEV | SILT           | SAND           | REMARKS    |
|------|------|----------------|----------------|------------|
| 0    | 22.4 | 3 <sup>0</sup> |                | SAND BELOW |
| E50  | 22.5 | 2 <sup>4</sup> |                | " "        |
| E100 | 22.6 | 2 <sup>6</sup> |                | " "        |
| E150 | 22.6 | 3 <sup>2</sup> |                | " "        |
| E200 | 22.8 | 3 <sup>7</sup> |                | " "        |
| E250 | 22.5 | 4 <sup>2</sup> | 3 <sup>0</sup> | SAND ABOVE |
| E300 | 22.6 | 4 <sup>6</sup> | 3 <sup>5</sup> | " "        |
| E350 | 22.4 | 5 <sup>0</sup> | 3 <sup>5</sup> | " "        |
| E400 | 22.3 | 5 <sup>3</sup> |                | SAND BELOW |
| E450 | 22.3 | 6 <sup>0</sup> | 3 <sup>5</sup> | SAND ABOVE |
| E500 | 22.5 | 6 <sup>0</sup> | 3 <sup>5</sup> | " "        |
| E550 | 22.6 | 6 <sup>2</sup> | 3 <sup>0</sup> | " "        |
| E600 | 22.5 | 6 <sup>4</sup> | 4 <sup>0</sup> | " "        |



STAN 52+50; 0+00 = W 13200

STAN 53+00; 0+00 = W 13200

| STA  | ELEV | SILT | SAND | REMARKS    |
|------|------|------|------|------------|
| 0    | 22.6 | 3°   |      | SAND BELOW |
| E50  | 22.4 | 2°   |      | " "        |
| E100 | 22.5 | 2°   |      | " "        |
| E150 | 22.5 | 2°   |      | " "        |
| E200 | 22.5 | 3°   |      | " "        |
| E250 | 22.4 | 3°   |      | " "        |
| E300 | 22.4 | 4°   | 3°   | SAND ABOVE |
| E350 | 22.1 | 4°   |      | SAND BELOW |
| E400 | 21.9 | 5°   | 5°   | " "        |
| E450 | 22.3 | 6°   | 3°   | " "        |
| E500 | 22.3 | 5°   | 3°   | " "        |
| E550 | 22.4 | 6°   | 3°   | " "        |
| E600 | 22.1 | 6°   | 3°   | " "        |

| STA  | ELEV | SILT | SAND | REMARKS    |
|------|------|------|------|------------|
| 0    | 22.4 | 3°   |      | SAND BELOW |
| E50  | 22.5 | 2°   |      | " "        |
| E100 | 22.6 | 1°   |      | " "        |
| E150 | 22.2 | 1°   |      | " "        |
| E200 | 22.4 | 2°   |      | " "        |
| E250 | 22.4 | 3°   |      | " "        |
| E300 | 22.3 | 4°   | 3°   | SAND OVER  |
| E350 | 22.1 | 4°   | 2°   | " "        |
| E400 | 22.2 | 5°   |      | " "        |
| E450 | 21.8 | 5°   |      | " "        |
| E500 | 22.0 | 5°   | 2°   | SAND ABOVE |
| E550 | 21.3 | 5°   |      | " "        |
| E600 | 20.6 | 4°   |      | " "        |



STAN 53450) 0+00 = W13200

| STA  | ELEV | SILT | SAND | REMARKS    |
|------|------|------|------|------------|
| 0    | 22.1 | 15   |      | SAND BELOW |
| E56  | 22.2 | 30   |      | " "        |
| E100 | 22.4 | 20   |      | " "        |
| E150 | 22.4 | 20   |      | " "        |
| E200 | 22.4 | 29   |      | " "        |
| E250 | 22.3 | 35   |      | " "        |
| E300 | 22.2 | 39   | 25   | SAND ABOVE |
| E350 | 22.3 | 48   | 35   | " "        |
| E400 | 21.9 | 50   |      |            |
| E450 | 21.9 | 50   |      |            |
| E500 | 21.6 | 50   |      |            |
| E550 | 20.8 | 38   |      |            |
| E600 | 20.7 | 38   |      |            |

STAN 54400) 0+00 = W13200 -

| STA  | ELEV | SILT | SAND | REMARKS    |
|------|------|------|------|------------|
| 0    | 21.4 |      |      |            |
| E50  | 22.3 | 10   |      | SAND BELOW |
| E100 | 22.4 | 17   |      | " "        |
| E150 | 22.5 | 26   |      | " "        |
| E200 | 22.5 | 30   |      | " "        |
| E250 | 22.1 | 32   |      | " "        |
| E300 | 22.0 | 35   | 25   | SAND ABOVE |
| E350 | 22.1 | 42   |      |            |
| E400 | 21.2 | 30   |      |            |
| E450 | 21.7 | 47   |      |            |
| E500 | 21.9 | 52   |      |            |
| E550 | 20.8 | 35   |      |            |
| E600 | 20.7 | 37   |      |            |



STA N 54+50; 0+00 = W 13200

STA N 55+00; 0+00 = W 13200

| STA  | ELEV | SILT | SAND | REMARKS    |
|------|------|------|------|------------|
| 0    | 20.7 |      |      | SAND BELOW |
| E50  | 21.4 |      |      | " "        |
| E100 | 22.1 |      |      | " "        |
| E150 | 22.5 | 28   |      | " "        |
| E200 | 22.3 | 29   |      | " "        |
| E250 | 22.0 | 30   |      | " "        |
| E300 | 21.8 | 33   | 20   | SAND ABOVE |
| E350 | 21.8 | 38   |      |            |
| E400 | 21.0 | 34   |      |            |
| E450 | 21.5 | 42   |      |            |
| E500 | 21.2 | 44   |      |            |
| E550 | 21.0 | 36   |      |            |
| E600 | 20.8 | 37   |      |            |

| STA  | ELEV | SILT | SAND | REMARKS |
|------|------|------|------|---------|
| 0    | 20.2 |      |      |         |
| E50  | 20.5 |      |      |         |
| E100 | 21.6 |      |      |         |
| E150 | 22.3 | 24   |      |         |
| E200 | 22.3 | 28   |      |         |
| E250 | 21.9 | 28   |      |         |
| E300 | 21.8 | 33   |      |         |
| E350 | 21.7 | 36   |      |         |
| E400 | 20.9 | 31   |      |         |
| E450 | 21.4 | 43   |      |         |
| E500 | 20.9 | 39   |      |         |
| E550 | 20.8 | 36   |      |         |
| E600 | 20.9 | 35   |      |         |



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| STA 55750' 0400 = W13200 |      |      |      |         |
|--------------------------|------|------|------|---------|
| STA                      | ELEV | SILT | SAND | REMARKS |
| 0                        | 19.5 |      |      |         |
| E50                      | 20.0 |      |      |         |
| E100                     | 20.8 |      |      |         |
| E150                     | 22.5 |      |      |         |
| E200                     | 21.8 | 28   |      |         |
| E250                     | 22.0 | 31   |      |         |
| E300                     | 21.9 | 36   |      |         |
| E350                     | 21.5 | 35   |      |         |
| E400                     | 21.0 | 32   |      |         |
| E450                     | 21.0 | 34   |      |         |
| E500                     | 21.0 | 34   |      |         |
| E550                     | 20.8 | 31   |      |         |
| E600                     | 20.8 | 36   |      |         |

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| STA 56750' 0400 = W13200 |      |      |      |         |
|--------------------------|------|------|------|---------|
| STA                      | ELEV | SILT | SAND | REMARKS |
| 0                        | 19.3 |      |      |         |
| E50                      | 19.5 |      |      |         |
| E100                     | 20.1 |      |      |         |
| E150                     | 21.3 |      |      |         |
| E200                     | 22.2 | 26   |      |         |
| E250                     | 22.0 | 29   |      |         |
| E300                     | 22.0 | 33   |      |         |
| E350                     | 21.7 | 35   |      |         |
| E400                     | 20.8 | 29   |      |         |
| E450                     | 21.0 | 33   |      |         |
| E500                     | 21.2 | 33   |      |         |
| E550                     |      | 30   |      |         |



STAN 56+50, 0+00 = W 13200

| STA  | ELEV | SILT   | REMARKS       |
|------|------|--------|---------------|
| 0    | 18.8 |        |               |
| E50  | 19.4 |        |               |
| E100 | 19.8 |        |               |
| E150 | 20.5 |        |               |
| E200 | 22.2 | 0°     | ALL GOOD SAND |
|      |      |        | ONLY -        |
| E250 | 22.9 | 2°     | SAND BELOW    |
| E300 | 22.0 | 3°     |               |
| E350 | 21.8 | 3 1/2° |               |
| E400 | 21.4 | 3 3/4° |               |
| E450 | 21.0 | 3°     |               |
| E500 |      | 3 3/4° |               |

STAN 57+00, 0+00 = W 13200

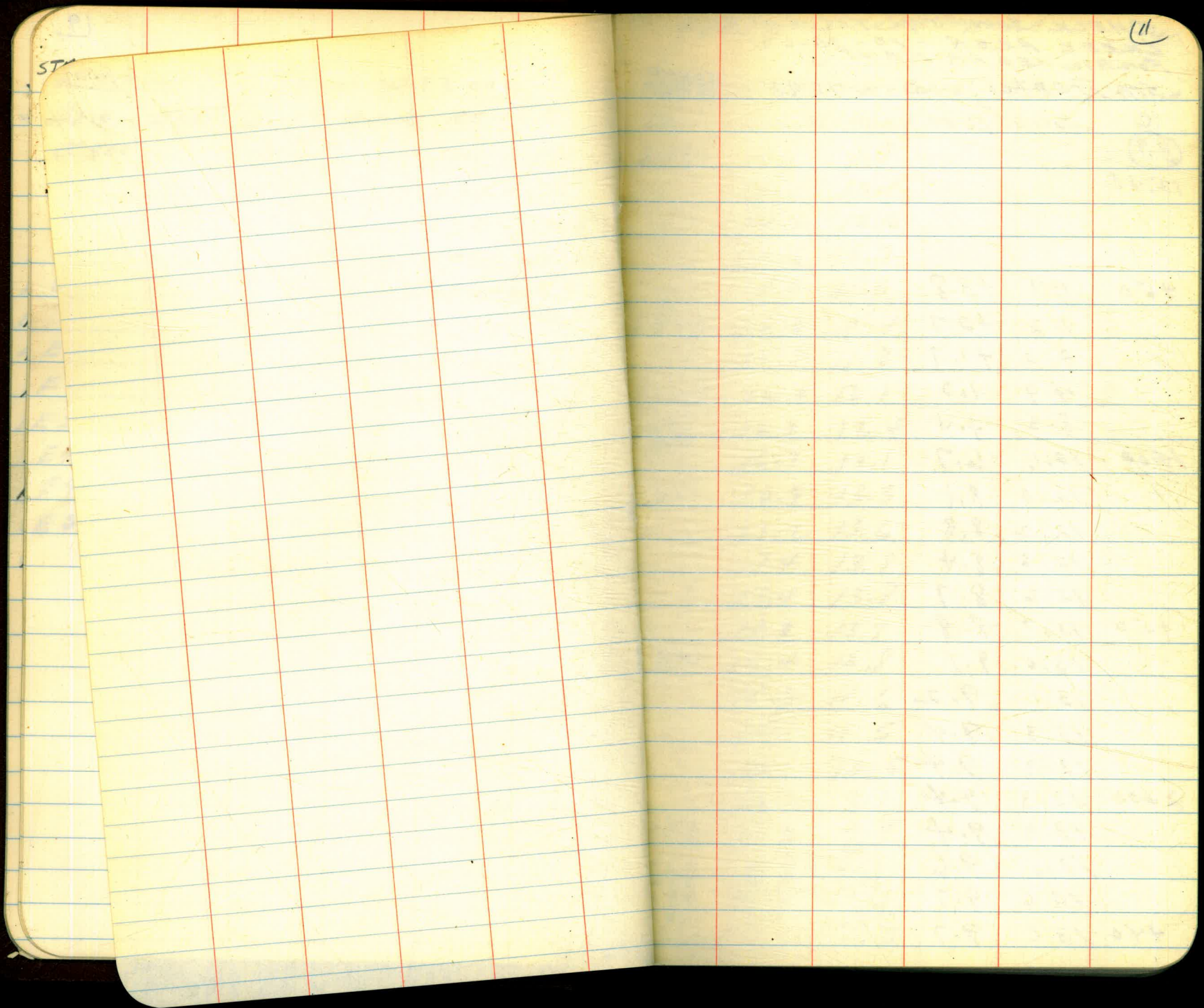
| STA  | ELEV | SILT | SAND | REMARKS |
|------|------|------|------|---------|
| 0    | 18.3 |      |      |         |
| E50  | 18.9 |      |      |         |
| E100 | 19.2 |      |      |         |
| E150 | 19.8 |      |      |         |
| E200 | 20.8 |      |      |         |
| E250 | 21.9 |      | 26   |         |
| E300 | 22.0 |      | 29   |         |
| E350 | 21.7 |      | 31   |         |
| E400 |      |      | 38   |         |



STA N 57+41 22; 0+00 = W 13.000

| STA   | ELEV | SILT | SAND | REMARKS      |
|-------|------|------|------|--------------|
| E 300 |      | 0 ±  |      | SAND BELOW   |
|       |      |      |      | 0 ± CRUST    |
|       |      |      |      | OF SILT OVER |
|       |      |      |      | SAND HOLE    |
|       |      |      |      | AT LEASE     |
|       |      |      |      | LINE         |





ST

11



CHECK SOUNDINGS TECOLOTE  
CREEK AREA - 10-30-62  
FOR B/L SEE FB M1345-61

STA N 68+00 J 0+00 = W 7690

SOUND  
EAST

0 SOUND ELEV

(3.9)

12:45

+50 0.1 +3.8

1.2 +2.7

2.2 +1.7

4.9 1.0

8.3 4.4

1400 10.6 6.7

12.0 8.1

12.2 8.3

12.3 8.4

12.6 8.7

+50 12.7 8.8

13.0 9.1

13.1 9.2

13.3 9.4

13.3 9.4

2400 13.3 9.4

13.3 9.4

13.5 9.6

13.6 9.7

+40 13.6 9.7

TECOLOTE CREEK AREA

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STA N 68+00 CONT EAST

DIST SOUND ELEV

2+50 13.8 9.9

14.0 10.1

14.2 10.3

14.6 10.7

14.9 11.0

3+00 15.3 11.4

15.7 11.8

(2:50) 16.0 12.1

(36) 16.3 12.4

16.7 13.1

+50 16.9 13.3

17.2 13.6

17.4 13.8

17.4 13.8

17.3 13.7

4+00 16.4 12.8

15.2 11.6

15.1 11.5

14.1 10.5

12.7 9.1

+50 11.3 7.7

+60 8.7 5.1

+70 7.5 3.9

+80 6.1 2.5

+90 3.7 0.1

+5+00 2.2 +1.4



Tecolote Creek Area

10-30-62

STA N 69+00; 0+00-W 7720 SOUND EAST  
DIST SOUND ELEV

0

+50  
(3.5) 1.0 +2.5

12.55 1.9 +1.6

4.3 0.8  
7.3 3.8

1400 10.1 6.6  
( ) 12.3 8.8

12.7 9.2  
13.2 9.7

13.8 10.3  
+50 14.2 10.7

14.6 11.1  
14.9 11.4

14.9 11.4  
(5.2) 14.8 11.3

2400 14.9 11.4  
1100 15.0 11.5

(3.7) 15.0 11.5  
+30 15.0 11.5

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113

STA N 69+00 CONT EAST  
DIST SOUND ELEV DIST SOUND ELEV

15.0 11.5 5490 18.5 15.2

2450 15.1 11.6 6400 18.3 15.0

15.1 11.6 18.0 14.7

15.2 11.7 16.7 13.4

15.3 11.8 15.0 11.7

(3.3) 15.4 12.1 14.5 11.2

3400 15.6 12.3 +50 13.2 9.9

15.6 12.3 9.3 6.2

15.9 12.6 7.5 4.4

16.0 12.7 (3.1) 4.4 1.3

16.3 13.0 11.05 2.7 +0.4

+50 16.6 13.3 7400 2.1 +1.2

16.8 13.5

17.2 13.9

17.8 14.5

18.2 14.9

4400 18.2 14.9

18.4 15.1

18.2 14.9

18.0 14.7

18.0 14.7

+50 18.2 14.9

18.3 15.0

18.4 15.1

+80 18.6 15.3

CONT ABOVE RT



TECOPOTE CREEK  
10-30-62

SOUND

STAN 70+00 CONT EAST

(14)

| STAN 70+00; 0+00; W 7770 |       |      | SOUND EAST |       |      | STAN 70+00 CONT EAST |       |      |       |      |      |
|--------------------------|-------|------|------------|-------|------|----------------------|-------|------|-------|------|------|
| DIST                     | SOUND | ELEV | DIST       | SOUND | ELEV | DIST                 | SOUND | ELEV | DIST  | ELEV |      |
| .0                       |       |      | 2+40       | 16.2  | 13.1 | 4+80                 | 16.3  | 13.3 | +30   | 13.5 | 10.5 |
|                          |       |      | +50        | 16.2  | 13.1 |                      | 16.7  | 13.7 |       | 13.4 | 10.4 |
|                          |       |      | (3.1)      | 16.2  | 13.1 | 5+00                 | 16.9  | 13.9 | +50   | 13.2 | 10.2 |
|                          |       |      |            | 16.2  | 13.1 |                      | 17.0  | 14.0 | 1+20  | 12.6 | 9.6  |
|                          |       |      |            | 16.2  | 13.1 |                      | 16.8  | 13.8 |       | 12.4 | 9.4  |
|                          |       |      |            | 16.3  | 13.1 |                      | 16.7  | 13.7 |       | 11.9 | 8.9  |
| +50                      |       |      |            | 16.4  | 13.3 | 1+15                 | 16.5  | 13.5 |       | 11.4 | 8.4  |
| (3.1)                    | 0.2   | +2.9 | 3+00       | 16.4  | 13.3 | +50                  | 16.1  | 13.1 | 8+00  | 10.8 | 7.9  |
| 1+10                     | 1.0   | +2.1 |            | 16.4  | 13.3 |                      | 16.0  | 13.0 |       | 10.2 | 7.3  |
|                          | 1.9   | +1.2 |            | 16.5  | 13.4 |                      | 15.8  | 12.8 |       | 9.3  | 6.4  |
|                          | 2.7   | +0.4 |            | 16.6  | 13.5 |                      | 15.9  | 12.9 |       | 7.9  | 5.0  |
| 1+00                     | 4.3   | 1.2  |            | 16.6  | 13.5 |                      | 16.0  | 13.0 | (2.9) | 6.0  | 3.1  |
|                          | 7.5   | 4.4  | +50        | 16.6  | 13.5 | 6+00                 | 16.0  | 13.0 | +50   | 4.1  | 1.2  |
|                          | 10.1  | 7.0  |            | 16.6  | 13.5 |                      | 15.9  | 12.9 |       | 2.3  | +0.6 |
|                          | 12.2  | 9.1  |            | 16.6  | 13.5 |                      | 15.9  | 12.9 |       |      |      |
|                          | 12.6  | 9.5  |            | 16.7  | 13.6 |                      | 15.7  | 12.7 |       |      |      |
| +50                      | 13.1  | 10.0 |            | 16.7  | 13.6 |                      | 15.2  | 12.2 |       |      |      |
|                          | 14.0  | 10.9 | 4+00       | 16.5  | 13.4 | +50                  | 14.9  | 11.9 | 9+00  |      |      |
|                          | 14.8  | 11.7 |            | 15.9  | 12.9 |                      | 14.9  | 11.9 |       |      |      |
|                          | 15.3  | 12.2 | (3.0)      | 15.3  | 12.3 |                      | 15.0  | 12.0 |       |      |      |
|                          | 15.6  | 12.5 |            | 15.1  | 12.1 |                      | 15.0  | 12.0 |       |      |      |
| 2+00                     | 15.8  | 12.7 |            | 15.9  | 12.9 |                      | 15.0  | 12.0 |       |      |      |
|                          | 15.9  | 12.8 | +50        | 16.6  | 13.6 | 7+00                 | 14.7  | 11.7 | +50   |      |      |
|                          | 16.0  | 12.9 |            | 16.5  | 13.5 |                      | 13.9  | 10.9 |       |      |      |
| +30                      | 16.2  | 13.1 |            | 16.3  | 13.3 | +20                  | 13.6  | 10.6 |       |      |      |



TECOTE CREEK AREA  
10-30-62

| STAN 71400; 0+00=W 7780 |       |      |       | SOUND EAST |      |
|-------------------------|-------|------|-------|------------|------|
| DIST                    | SOUND | ELEV | DIST  | SOUND      | ELEV |
| 0                       |       |      |       | 15.4       | 12.5 |
|                         |       |      | +50   | 15.4       | 12.5 |
| 1:30                    |       |      |       | 15.3       | 12.4 |
| (2.9)                   |       |      |       | 15.3       | 12.4 |
|                         |       |      |       | 15.3       | 12.4 |
| +50                     |       |      | (2.8) | 15.3       | 12.5 |
|                         | 0.3   | +2.6 | 3+00  | 15.4       | 12.6 |
|                         | 2.8   | +0.1 |       | 15.3       | 12.5 |
|                         | 6.2   | 3.3  |       | 15.2       | 12.4 |
|                         | 8.1   | 5.2  |       | 15.3       | 12.5 |
| 1+00                    | 9.8   | 6.9  |       | 15.4       | 12.6 |
|                         | 11.0  | 8.1  | +50   | 15.5       | 12.7 |
|                         | 11.7  | 8.8  |       | 15.5       | 12.7 |
|                         | 12.4  | 9.5  |       | 15.3       | 12.5 |
|                         | 13.1  | 10.2 |       | 15.3       | 12.5 |
| +50                     | 13.6  | 10.7 |       | 15.3       | 12.5 |
|                         | 14.0  | 11.1 | 4+00  | 15.4       | 12.6 |
|                         | 14.2  | 11.3 |       | 15.5       | 12.7 |
|                         | 14.3  | 11.4 |       | 15.9       | 13.1 |
|                         | 14.6  | 11.6 |       | 16.1       | 13.3 |
| 2+00                    | 14.9  | 12.0 |       | 16.4       | 13.6 |
|                         | 15.1  | 12.2 | +50   | 16.5       | 13.7 |
|                         | 15.3  | 12.4 |       | 16.5       | 13.7 |
| 2+30                    | 15.3  | 12.4 |       | 16.5       | 13.7 |

| STAN 71400 CONT EAST |       |      |       | (15)  |      |
|----------------------|-------|------|-------|-------|------|
| DIST                 | SOUND | ELEV | DIST  | SOUND | ELEV |
|                      | 16.5  | 13.7 |       | 14.7  | 12.0 |
|                      | 16.5  | 13.7 |       | 14.5  | 11.8 |
| 5+00                 | 16.2  | 13.4 | +50   | 14.2  | 11.5 |
|                      | 16.1  | 13.3 |       | 14.2  | 11.5 |
|                      | 16.0  | 13.2 |       | 14.0  | 11.3 |
|                      | 15.8  | 13.0 |       | 14.0  | 11.3 |
|                      | 15.8  | 13.0 |       | 14.0  | 11.3 |
| +50                  | 15.9  | 13.1 | 8+00  | 14.0  | 11.3 |
|                      | 15.9  | 13.1 |       | 14.0  | 11.3 |
|                      | 15.8  | 13.0 |       | 13.8  | 11.1 |
|                      | 15.6  | 12.8 |       | 13.6  | 10.9 |
| (2.7)                | 15.5  | 12.7 |       | 13.6  | 10.9 |
| 6+00                 | 15.5  | 12.8 | +50   | 13.6  | 10.9 |
|                      | 15.5  | 12.8 |       | 13.6  | 10.9 |
|                      | 15.5  | 12.8 | (2.6) | 13.6  | 11.0 |
|                      | 15.5  | 12.8 | 11.35 | 13.6  | 11.0 |
|                      | 15.5  | 12.8 |       | 13.6  | 11.0 |
| +50                  | 15.4  | 12.7 | 9+00  | 13.5  | 10.9 |
|                      | 15.3  | 12.6 |       |       |      |
|                      | 15.3  | 12.6 |       |       |      |
|                      | 15.3  | 12.6 |       |       |      |
|                      | 15.1  | 12.4 |       |       |      |
| 7+00                 | 15.1  | 12.4 | +50   |       |      |
|                      | 15.0  | 12.3 |       |       |      |
|                      | 14.9  | 12.2 |       |       |      |



Tecolote Creek  
10-30-62

|       |       | SOUND EAST |       | SOUND EAST |      |
|-------|-------|------------|-------|------------|------|
| DIST  | SOUND | ELEV       | DIST  | SOUND      | ELEV |
| 0     |       |            |       | 14.9       | 12.3 |
|       |       |            | +50   | 15.0       | 12.4 |
| (2.6) |       |            |       | 15.0       | 12.4 |
| 1140  |       |            |       | 15.1       | 12.5 |
|       |       |            |       | 15.1       | 12.5 |
| +50   | 0.1   | +1.5       | (2.5) | 14.8       | 12.3 |
|       | 1.6   | +1.2       | 3+00  | 14.5       | 12.0 |
|       | 3.9   | 1.3        | 1:45  | 14.3       | 11.8 |
|       | 7.0   | 4.4        |       | 14.3       | 11.8 |
|       | 10.1  | 7.5        |       | 14.1       | 11.6 |
| 1+00  | 12.3  | 9.7        |       | 14.0       | 11.5 |
|       | 13.0  | 10.4       | +50   | 14.0       | 11.5 |
|       | 13.9  | 11.3       |       | 14.0       | 11.5 |
|       | 14.2  | 11.6       |       | 14.1       | 11.6 |
| +50   | 14.3  | 11.7       |       | 14.1       | 11.6 |
| +50   | 14.3  | 11.7       |       | 14.2       | 11.7 |
|       | 14.4  | 11.8       | 4+00  | 14.2       | 11.7 |
|       | 14.5  | 11.9       |       | 14.2       | 11.7 |
|       | 14.5  | 11.9       |       | 14.3       | 11.8 |
|       | 14.5  | 11.9       |       | 14.3       | 11.8 |
| 2+00  | 14.6  | 12.0       | 4.5   | 14.5       | 12.0 |
|       | 14.6  | 12.0       | +50   | 14.5       | 12.0 |
|       | 14.8  | 12.2       |       | 14.5       | 12.0 |
|       | 14.9  | 12.3       |       | 14.5       | 12.0 |

STAN 72+00 CONT EAST  
10-30-62

116

| DIST  | SOUND | ELEV | DIST  | SOUND | ELEV |
|-------|-------|------|-------|-------|------|
| 1:45  | 14.5  | 12.0 |       | 4.2   | 1.8  |
|       | 14.8  | 12.3 |       | 4.3   | 1.9  |
| 5+00  | 14.9  | 12.4 | +50   | 5.0   | 2.6  |
|       | 14.9  | 12.4 |       | 5.2   | 2.8  |
|       | 14.9  | 12.4 |       | 7.3   | 4.9  |
|       | 15.2  | 12.7 |       | 8.7   | 6.3  |
|       | 15.2  | 12.7 |       | 9.6   | 7.2  |
| +50   | 15.2  | 12.7 | 8+00  | 10.9  | 8.5  |
|       | 15.2  | 12.7 |       | 11.4  | 9.0  |
|       | 15.2  | 12.7 |       | 11.9  | 9.5  |
|       | 14.8  | 12.3 |       | 12.0  | 9.6  |
| (2.4) | 14.0  | 11.6 |       | 12.4  | 10.0 |
| 6+00  | 13.2  | 10.8 | +50   | 12.8  | 10.4 |
|       | 12.3  | 9.9  |       | 13.0  | 10.7 |
|       | 10.3  | 7.9  |       | 13.0  | 10.7 |
|       | 9.2   | 5.8  | (2.3) | 13.0  | 10.7 |
| 11:50 | 8.4   | 6.0  |       | 13.0  | 10.7 |
| +50   | 6.1   | 3.7  | 9+00  | 13.0  | 10.7 |
|       | 8.7   | 6.3  | 1:55  |       |      |
|       | 8.7   | 6.3  |       |       |      |
|       | 5.7   | 3.3  |       |       |      |
|       | 7.3   | 4.9  |       |       |      |
| 7+00  | 7.4   | 5.0  |       |       |      |
|       | 6.9   | 4.5  |       |       |      |
|       | 5.2   | 2.8  |       |       |      |



Tecolote CREEK  
10-30-62

| SOUND EAST |       |      | SOUND EAST |       |      |
|------------|-------|------|------------|-------|------|
| DIST       | SOUND | ELEV | DIST       | SOUND | ELEV |
| 0          |       |      | (2.1)      | 13.9  | 11.8 |
| (2.3)      |       |      | +50        | 14.5  | 12.4 |
|            |       |      |            | 14.9  | 12.8 |
|            |       |      |            | 15.0  | 12.9 |
| 2:00       |       |      |            | 15.3  | 13.2 |
| +50        | 1.1   | +1.2 | (2.0)      | 15.2  | 13.2 |
|            | 3.3   | 1.0  | 3+00       | 15.2  | 13.2 |
|            | 6.2   | 3.9  |            | 15.2  | 13.2 |
|            | 8.5   | 6.2  |            | 15.4  | 13.4 |
|            | 10.6  | 8.3  |            | 15.4  | 13.4 |
| 1+00       | 11.8  | 9.5  |            | 15.3  | 13.3 |
| (2.2)      | 12.2  | 10.0 | +50        | 15.0  | 13.0 |
|            | 13.0  | 10.8 |            | 14.8  | 12.8 |
|            | 14.1  | 11.9 | 2:10       | 14.3  | 12.3 |
|            | 14.1  | 11.9 |            | 14.0  | 12.0 |
| +50        | 14.3  | 12.1 | (1.8)      | 14.0  | 12.2 |
|            | 14.8  | 12.6 | 4+00       | 14.1  | 12.3 |
|            | 14.8  | 12.6 |            | 14.0  | 12.2 |
|            | 15.0  | 12.8 | (1.7)      | 14.0  | 12.3 |
| 2:05       | 15.0  | 12.8 |            | 14.0  | 12.3 |
| 2+00       | 15.0  | 12.8 | 2:15       | 13.8  | 12.1 |
| (2.1)      | 14.9  | 12.8 | +50        | 13.2  | 11.5 |
|            | 14.4  | 12.3 | +60        | 11.3  | 9.6  |
|            | 14.1  | 12.0 | +70        | 10.7  | 9.0  |
|            |       |      | +80        | 9.8   | 8.1  |
|            |       |      | +90        | 9.0   | 7.3  |
|            |       |      | 5+00       | 7.4   | 5.7  |

Tecolote CREEK  
10-30-62

(17)

| SOUND EAST |       |      | SOUND EAST |       |      |
|------------|-------|------|------------|-------|------|
| DIST       | SOUND | ELEV | DIST       | SOUND | ELEV |
| 0          |       |      | 1          | 14.9  | 13.3 |
| (1.7)      |       |      | +50        | 15.0  | 13.4 |
|            |       |      |            | 15.0  | 13.4 |
| 2:20       |       |      |            | 15.0  | 13.4 |
|            |       |      | (1.5)      | 15.0  | 13.5 |
| +50        | 0.3   | +1.4 |            | 15.0  | 13.5 |
|            | 2.1   | 0.4  | 3+00       | 15.0  | 13.5 |
|            | 4.8   | 3.1  |            | 15.0  | 13.5 |
|            | 7.5   | 5.8  |            | 15.0  | 13.5 |
|            | 9.7   | 8.0  |            | 15.0  | 13.5 |
| 1+00       | 11.0  | 9.3  |            | 14.8  | 13.3 |
|            | 13.2  | 11.5 | +50        | 13.5  | 12.0 |
| (1.6)      | 14.1  | 12.5 |            | 12.9  | 11.4 |
|            | 14.7  | 13.1 |            | 12.9  | 11.4 |
|            | 15.1  | 13.5 |            | 12.8  | 11.3 |
| +50        | 15.3  | 13.7 |            | 11.0  | 9.5  |
|            | 15.3  | 13.7 | 4+00       | 11.1  | 9.6  |
|            | 15.3  | 13.7 |            | 9.4   | 7.9  |
|            | 15.2  | 13.6 |            | 7.8   | 6.3  |
|            | 15.0  | 13.4 | (1.4)      | 2.3   | 0.9  |
| 2+00       | 14.9  | 13.3 |            |       |      |
|            | 15.0  | 13.4 | +50        |       |      |
| 2:25       | 14.9  | 13.3 |            |       |      |
|            | 15.0  | 13.4 |            |       |      |



## TECOLOTE CREEK

10-30-62

SOUND  
EAST

(18)

STAN 75400; 0+00=W 7680 -

| DIST  | SOUND | ELEV | DIST  | SOUND | ELEV |
|-------|-------|------|-------|-------|------|
| 0     |       |      |       | 10.8  | 9.4  |
| 2:30  |       |      | 50    | 11.0  | 9.6  |
|       |       |      |       | 10.9  | 9.5  |
| (1.4) |       |      |       | 10.8  | 9.4  |
|       | 0.4   | 71.0 |       | 10.5  | 9.1  |
| +50   | 2.9   | 1.5  |       | 10.5  | 9.1  |
|       | 6.0   | 4.6  | 3+00  | 10.3  | 8.9  |
|       | 8.0   | 6.6  |       | 10.3  | 8.9  |
|       | 10.0  | 8.6  |       | 10.2  | 8.8  |
|       | 10.9  | 9.5  |       | 10.0  | 8.6  |
| 1+00  | 11.8  | 10.4 |       | 9.8   | 8.4  |
|       | 12.5  | 11.1 | 50    | 9.1   | 7.7  |
|       | 12.5  | 11.1 |       | 8.8   | 7.4  |
|       | 12.8  | 11.4 | 2:40  | 8.0   | 6.6  |
|       | 13.0  | 11.6 |       | 7.0   | 5.6  |
| +50   | 13.2  | 11.8 | (1.4) | 5.3   | 3.9  |
|       | 13.2  | 11.8 | 4+00  | 3.8   | 2.4  |
|       | 13.2  | 11.8 |       |       |      |
| 2:35  | 13.0  | 11.6 |       |       |      |
|       | 12.3  | 10.9 |       |       |      |
| 2+00  | 12.0  | 10.6 |       |       |      |
|       | 11.5  | 10.1 | +50   |       |      |
|       | 11.5  | 10.1 |       |       |      |
|       | 11.3  | 9.9  |       |       |      |



SOUND SINKY CORNER DE ANZA + ROSE CREEK -

SEE FB<sup>MS</sup> 106-56 - 11-27-62

(130) STA W92+50<sup>56</sup>; 0+00=N15120 SOUND SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|------|-------|------|------|-------|------|
|------|-------|------|------|-------|------|

|   |  |  |  |     |     |
|---|--|--|--|-----|-----|
| 0 |  |  |  | 9.0 | 8.7 |
|---|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |     |     |     |
|--|--|--|-----|-----|-----|
|  |  |  | +50 | 9.0 | 8.7 |
|--|--|--|-----|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |      |     |     |
|--|--|--|------|-----|-----|
|  |  |  | 3+00 | 9.0 | 8.7 |
|--|--|--|------|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 8.9 | 8.6 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 8.9 | 8.6 |
|--|--|--|--|-----|-----|

|      |     |     |  |     |     |
|------|-----|-----|--|-----|-----|
| 1+00 | 3.4 | 3.1 |  | 8.9 | 8.6 |
|------|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 5.0 | 4.7 |  | 9.0 | 8.7 |
|--|-----|-----|--|-----|-----|

|  |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|
|  | 6.9 | 6.6 | +50 | 9.0 | 8.7 |
|--|-----|-----|-----|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.0 | 7.7 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.2 | 7.9 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|     |     |     |  |     |     |
|-----|-----|-----|--|-----|-----|
| +50 | 8.3 | 8.0 |  | 8.8 | 8.5 |
|-----|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.8 | 8.5 |  | 8.8 | 8.5 |
|--|-----|-----|--|-----|-----|

|  |     |     |      |     |     |
|--|-----|-----|------|-----|-----|
|  | 8.9 | 8.6 | 4+00 | 8.9 | 8.6 |
|--|-----|-----|------|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.8 | 8.5 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.9 | 8.6 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|      |     |     |  |     |     |
|------|-----|-----|--|-----|-----|
| 2+00 | 9.0 | 8.7 |  | 8.9 | 8.6 |
|------|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 9.0 | 8.7 |  | 9.0 | 8.7 |
|--|-----|-----|--|-----|-----|

|  |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|
|  | 9.0 | 8.7 | +50 | 8.9 | 8.6 |
|--|-----|-----|-----|-----|-----|

STA W92+50<sup>56</sup> (BC) CONT (19)

| DNT | SOUND | ELEV | DNT | SOUND | ELEV |
|-----|-------|------|-----|-------|------|
|-----|-------|------|-----|-------|------|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 9.0 | 8.7 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.9 | 8.6 |  | 9.0 | 8.7 |
|--|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.9 | 8.6 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 8.9 | 8.6 |  | 8.9 | 8.6 |
|--|-----|-----|--|-----|-----|

|      |     |     |      |     |     |
|------|-----|-----|------|-----|-----|
| 5+00 | 8.8 | 8.5 | 6+00 | 8.9 | 8.6 |
|------|-----|-----|------|-----|-----|

|  |     |     |  |  |  |
|--|-----|-----|--|--|--|
|  | 8.9 | 8.6 |  |  |  |
|--|-----|-----|--|--|--|

|  |     |     |  |  |  |
|--|-----|-----|--|--|--|
|  | 8.8 | 8.5 |  |  |  |
|--|-----|-----|--|--|--|

|  |     |     |  |  |  |
|--|-----|-----|--|--|--|
|  | 8.8 | 8.5 |  |  |  |
|--|-----|-----|--|--|--|

|  |     |     |  |  |  |
|--|-----|-----|--|--|--|
|  | 8.8 | 8.5 |  |  |  |
|--|-----|-----|--|--|--|

|      |     |     |  |  |  |
|------|-----|-----|--|--|--|
| 5+50 | 8.8 | 8.5 |  |  |  |
|------|-----|-----|--|--|--|

STA W93+00; 0+00=N15110° SOUND SOUTH

|   |  |  |  |     |     |
|---|--|--|--|-----|-----|
| 0 |  |  |  | 7.2 | 6.8 |
|---|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 7.8 | 7.4 |
|--|--|--|--|-----|-----|

|  |  |  |     |     |     |
|--|--|--|-----|-----|-----|
|  |  |  | +50 | 8.8 | 8.4 |
|--|--|--|-----|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 8.8 | 8.4 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.6 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.0 | 8.6 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.1 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |      |     |     |
|--|--|--|------|-----|-----|
|  |  |  | 2+00 | 9.2 | 8.8 |
|--|--|--|------|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.1 | 8.7 |
|--|--|--|--|-----|-----|

|  |  |  |  |     |     |
|--|--|--|--|-----|-----|
|  |  |  |  | 9.1 | 8.7 |
|--|--|--|--|-----|-----|

|      |     |     |  |     |     |
|------|-----|-----|--|-----|-----|
| 1+00 | 3.6 | 3.2 |  | 9.2 | 8.8 |
|------|-----|-----|--|-----|-----|

|  |     |     |  |     |     |
|--|-----|-----|--|-----|-----|
|  | 5.2 | 4.8 |  | 9.2 | 8.8 |
|--|-----|-----|--|-----|-----|

|  |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|
|  | 6.7 | 6.3 | +50 | 9.2 | 8.8 |
|--|-----|-----|-----|-----|-----|

CONT PG 20

0.3

+50

2:55

0.0 +0.3

0.7 0.4

2.0 1.7

1+00

5.0 4.7

6.9 6.6

8.0 7.7

8.2 7.9

+50

8.3 8.0

8.8 8.5

8.9 8.6

8.8 8.5

8.9 8.6

2+00

9.0 8.7

9.0 8.7

3+00

+50

4+00

+50

+50

0.4

2:45

✓

0.7 0.3

1.8 1.4

1+00

5.2 4.8

6.7 6.3

2+00

+50



STA W 93400 CONT

| DIST  | SOUND | ELEV | DIST. | SOUND | ELEV |
|-------|-------|------|-------|-------|------|
|       | 9.2   | 8.8  |       | 9.2   | 8.8  |
| (0.4) | 9.2   | 8.8  | +50   | 9.1   | 8.7  |
|       | 9.3   | 8.9  |       | 9.1   | 8.7  |
|       | 9.4   | 9.0  |       | 9.1   | 8.7  |
| 3+00  | 9.4   | 9.0  |       | 9.1   | 8.7  |
|       | 9.4   | 9.0  |       | 9.0   | 8.6  |
|       | 9.4   | 9.0  | 5+00  | 9.0   | 8.6  |
|       | 9.4   | 9.0  |       | 9.0   | 8.6  |
|       | 9.4   | 9.0  |       | 9.0   | 8.6  |
| +50   | 9.3   | 8.9  |       | 9.1   | 8.7  |
|       | 9.3   | 8.9  |       | 9.1   | 8.7  |
|       | 9.3   | 8.9  | +50   | 9.1   | 8.7  |
|       | 9.3   | 8.9  |       | 9.1   | 8.7  |
|       | 9.3   | 8.9  |       | 9.1   | 8.7  |
| 4+00  | 9.3   | 8.9  |       | 9.1   | 8.7  |
|       | 9.3   | 8.9  |       | 9.0   | 8.6  |
|       | 9.2   | 8.8  | 6+00  | 9.0   | 8.6  |
| 4+30  | 9.2   | 8.8  |       |       |      |

STA W 94400; 0+00 = N 15090;

0

2:35

(0.4)

SOUND SOUTH

|      |     |
|------|-----|
| 0.5  | 0.1 |
| 1.9  | 1.5 |
| 3.9  | 3.5 |
| 1+00 | 6.8 |
|      | 6.4 |
|      | 7.0 |
|      | 6.6 |

CONT P 92

STA W 94400 CONT SOUTH 120

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (0.4) | 8.0   | 7.6  |      | 9.1   | 8.7  |
|       | 8.5   | 8.1  |      | 9.1   | 8.7  |
|       | 9.0   | 8.6  |      | 9.1   | 8.7  |
| +50   | 9.1   | 8.7  | 4+00 | 9.0   | 8.6  |
|       | 9.1   | 8.7  |      | 9.0   | 8.6  |
|       | 9.2   | 8.8  |      | 9.0   | 8.6  |
|       | 9.2   | 8.8  |      | 9.0   | "    |
| 2+00  | 9.3   | 8.9  | +50  | 9.0   | "    |
|       | 9.2   | 8.8  | 4+00 | 8.9   | 8.5  |
|       | 9.3   | 8.9  |      | 9.0   | 8.6  |
|       | 9.3   | 8.9  |      | 9.0   | "    |
|       | 9.2   | 8.8  |      | 9.0   | "    |
| +50   | 9.2   | 8.8  | 5+00 | 8.9   | 8.5  |
|       | 9.2   | 8.8  |      | 9.0   | 8.6  |
| (0.4) | 9.2   | 8.8  |      | 9.0   | "    |
| 2:40  | 9.3   | 8.9  |      | 9.0   | "    |
| 3+00  | 9.2   | 8.8  | +50  | 9.0   | "    |
|       | 9.2   | 8.8  |      | 9.0   | "    |
|       | 9.2   | 8.8  |      | 9.0   | "    |
|       | 9.2   | 8.8  |      | 9.0   | 8.6  |
| +50   | 9.2   | 8.8  | 6+00 | 8.9   | 8.5  |
|       | 9.2   | 8.8  |      |       |      |



B/LFB106 NELY BAY 11-27-62  
SWLY DE ANZA

STAW 95700; 0+00=N15090 SOUND SOUTH

DIST SOUND ELEV DIST SOUND ELEV

|      |     |     |      |     |     |
|------|-----|-----|------|-----|-----|
| 0    |     |     |      | 9.7 | 9.2 |
|      |     |     | +50  | 9.7 | 9.2 |
|      |     |     |      | 9.7 | 9.2 |
|      |     |     |      | 9.6 | 9.1 |
| 2:30 |     |     |      | 9.6 | 9.1 |
| +50  | 0.5 | 0.0 |      | 9.7 | 9.2 |
|      | 2.3 | 1.8 | 3+00 | 9.7 | 9.2 |
|      | 3.9 | 3.4 |      | 9.7 | 9.2 |
|      | 4.7 | 4.2 |      | 9.7 | 9.2 |
|      | 5.8 | 5.3 |      | 9.5 | 9.0 |
| 1+00 | 6.3 | 5.8 |      | 9.5 | 9.0 |
|      | 6.9 | 6.4 | +50  | 9.5 | 9.0 |
|      | 7.3 | 6.8 |      | 9.4 | 8.9 |
|      | 8.3 | 7.8 |      | 9.3 | 8.8 |
|      | 8.9 | 8.4 |      | 9.2 | 8.7 |
| +50  | 9.2 | 8.7 |      | 9.2 | "   |
|      | 9.2 | 8.7 | 4+00 | 9.2 | "   |
|      | 9.4 | 8.9 |      | 9.2 | "   |
|      | 9.5 | 9.0 |      | 9.1 | 8.6 |
|      | 9.5 | 9.0 |      | 9.1 | 8.6 |
| 2+00 | 9.6 | 9.1 |      | 9.1 | 8.6 |
|      | 9.6 | 9.1 | +50  | 9.2 | 8.7 |
|      | 9.6 | 9.1 |      | 9.2 | 8.7 |
|      | 9.7 | 9.2 |      | 9.2 | 8.7 |

0.5

STAW 95700 CONT

DIST SOUND ELEV DIST SOUND ELEV

|      |     |     |      |     |     |
|------|-----|-----|------|-----|-----|
|      | 9.2 | 8.7 |      | 9.3 | 8.8 |
|      | 9.2 | 8.7 | +50  | 9.3 | 8.8 |
| 5+00 | 9.0 | 8.5 |      | 9.2 | 8.7 |
|      | 9.1 | 8.6 |      | 9.2 | 8.7 |
|      | 9.6 | 9.1 |      | 9.2 | 8.7 |
| 5+30 | 9.4 | 8.9 |      | 9.2 | 8.7 |
|      |     |     | 6+00 | 9.2 | 8.7 |

STAW 96700; 0+00=N15700 SOUND SOUTH

|      |     |     |      |     |     |
|------|-----|-----|------|-----|-----|
| 0    |     |     |      | 9.2 | 8.6 |
|      |     |     |      | 9.5 | 8.9 |
|      |     |     |      | 9.2 | 8.6 |
|      |     |     | 2+00 | 9.2 | 8.6 |
|      |     |     |      | 9.2 | "   |
|      |     |     |      | 9.2 | "   |
|      | 0.9 | 0.3 |      | 9.2 | "   |
|      | 1.9 | 1.3 |      | 9.2 | "   |
|      | 3.2 | 2.6 |      | 9.0 | 8.4 |
|      | 4.0 | 3.4 | +50  | 9.0 | "   |
|      | 5.0 | 4.4 |      | 9.0 | "   |
| 1+00 | 5.8 | 5.2 |      | 9.0 | "   |
|      | 6.9 | 6.3 |      | 9.0 | "   |
|      | 8.0 | 7.4 |      | 9.1 | 8.5 |
|      | 9.5 | 8.9 | 3+00 | 9.3 | 8.7 |
|      | 9.6 | 9.0 |      | 9.2 | 8.6 |
| +50  | 8.8 | 8.2 |      | 9.3 | 8.7 |
|      | 9.2 | 8.6 |      | 9.3 | 8.7 |

0.6

CONT PG 22

(21)



STA W 96+00 CONT  
NELYBAY - 11-27-62

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
|       | 9.4   | 8.8  |      | 9.1   | 8.5  |
| 3+50  | 9.6   | 9.0  |      | 9.1   | 8.5  |
| (0.6) | 9.4   | 8.8  |      | 9.0   | 8.4  |
|       | 9.4   | "    |      | 9.0   | "    |
|       | 9.4   | "    | +50  | 9.0   | "    |
|       | 9.3   | 8.7  |      | 9.1   | 8.5  |
| 4+00  | 9.2   | 8.6  |      | 9.1   | "    |
|       | 9.2   | "    |      | 9.1   | "    |
|       | 9.2   | "    |      | 9.1   | "    |
|       | 9.3   | 8.7  | 6+00 | 9.2   | 8.6  |
|       | 9.2   | 8.6  |      |       |      |
| +50   | 9.2   | "    |      |       |      |
|       | 9.2   | "    |      |       |      |
|       | 9.2   | "    |      |       |      |
|       | 9.2   | "    |      |       |      |
|       | 9.2   | "    |      |       |      |
| 5+00  | 9.2   | "    |      |       |      |

STA W 97+00; 0+00=N 15/30 SOUND SOUTH

|       |     |      |     |     |
|-------|-----|------|-----|-----|
| 0     |     |      | 1.8 | 1.0 |
| 2:10  |     |      | 3.2 | 2.4 |
| (0.8) |     |      | 4.2 | 3.4 |
|       |     | 1+00 | 5.1 | 4.3 |
|       |     |      | 6.1 | 5.3 |
| +50   | 0.2 | +0.6 | 6.9 | 6.1 |
|       | 1.2 | 0.4  | 7.5 | 6.7 |

STA W 97+00 CONT

(22)

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
|       | 8.1   | 7.3  |      | 9.9   | 9.1  |
| 1+50  | 8.3   | 7.5  | 4+00 | 9.8   | 9.0  |
| (0.8) | 8.9   | 8.1  |      | 9.9   | 9.1  |
|       | 9.2   | 8.4  |      | 9.8   | 9.0  |
|       | 9.5   | 8.7  |      | 9.8   | "    |
|       | 9.4   | 8.6  |      | 9.8   | "    |
| 2+00  | 9.6   | 8.8  | +50  | 9.8   | "    |
|       | 9.7   | 8.9  |      | 9.6   | 8.8  |
|       | 9.7   | "    |      | 9.6   | "    |
|       | 9.7   | "    |      | 9.6   | "    |
|       | 9.6   | 8.8  |      | 9.6   | "    |
| +50   | 9.6   | "    | 5+00 | 9.6   | "    |
|       | 9.7   | 8.9  |      | 9.7   | 8.9  |
|       | 9.7   | "    |      | 9.7   | "    |
|       | 9.7   | "    |      | 9.7   | "    |
|       | 9.8   | 9.0  |      | 9.7   | "    |
| 3+00  | 9.8   | "    | +50  | 9.7   | "    |
|       | 9.9   | 9.1  |      | 9.8   | 9.0  |
|       | 9.9   | "    |      | 9.6   | 8.8  |
|       | 9.9   | "    |      | 9.6   | 8.8  |
|       | 9.9   | "    |      | 9.6   | 8.8  |
| +50   | 10.0  | 9.2  | 6+00 | 9.5   | 8.7  |
|       | 10.0  | "    |      |       |      |
|       | 10.0  | "    |      |       |      |
|       | 9.8   | 9.0  |      |       |      |



NELLY BAY 11-27-62

SOUND

STAN 152+00; 0+00=W 9870 WEST

| DIST       | SOUND            | ELEV | DIST | SOUND | ELEV |
|------------|------------------|------|------|-------|------|
| 0          |                  |      |      | 10.5  | 9.3  |
| 1.45       |                  |      | +50  | 10.5  | "    |
| <b>1.2</b> | <b>SEE P 946</b> |      |      | 10.8  | 9.6  |
|            |                  |      |      | 11.0  | 9.8  |
|            |                  |      |      | 11.3  | 10.1 |
| +50        |                  |      | 1:50 | 11.3  | 10.1 |
| W 9930     | 0.0              | +1.2 | 3+00 | 11.1  | 9.9  |
|            | 0.7              | +0.5 |      | 11.0  | 9.8  |
|            | 1.3              | 0.1  |      | 11.0  | "    |
|            | 2.0              | 0.8  |      | 11.0  | "    |
| 1+00       | 2.3              | 1.1  |      | 11.0  | "    |
|            | 4.0              | 2.8  | +50  | 11.0  | "    |
|            | 5.2              | 4.0  |      | 11.0  | "    |
|            | 6.9              | 5.7  |      | 11.0  | "    |
|            | 7.7              | 6.5  |      | 10.8  | 9.6  |
| +50        | 9.0              | 7.8  |      | 10.8  | 9.6  |
|            | 9.9              | 8.7  | 4+00 | 10.7  | 9.5  |
|            | 10.3             | 19.1 |      | 10.7  | "    |
|            | 10.3             | "    |      | 10.7  | "    |
|            | 10.4             | 9.2  |      | 10.6  | 9.4  |
| 2+00       | 10.4             | "    |      | 10.7  | 9.5  |
|            | 10.4             | "    | +50  | 10.6  | 9.4  |
|            | 10.4             | "    |      | 10.6  | 9.4  |
|            | 10.5             | 9.3  |      | 10.5  | 9.3  |

STAN 152+00 cont

(23)

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|------|-------|------|------|-------|------|
|      | 10.5  | 9.3  |      | 10.5  | 9.3  |
|      | 10.4  | 9.2  |      | 10.6  | 9.4  |
| 5+00 | 10.4  | 9.2  |      | 11.0  | 9.8  |
|      | 10.4  | 9.2  |      | 11.1  | 9.9  |
|      | 10.4  | 9.2  | 6+00 | 11.0  | 9.8  |
|      | 10.4  | 9.2  |      |       |      |
|      | 10.3  | 9.1  |      |       |      |
| +50  | 10.5  | 9.3  |      |       |      |

STAN W 98+00; 0+00=N 15170 SOUND SOUTH

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|------|-------|------|------|-------|------|
| 0    |       |      |      | 8.8   | 7.9  |
|      |       |      |      | 9.0   | 8.1  |
|      |       |      |      | 9.0   | 8.1  |
|      |       |      |      | 9.1   | 8.2  |
|      |       |      | 2:00 |       |      |
|      |       |      | 2+00 | 9.2   | 8.3  |
|      | 0.0   | +0.9 |      | 9.2   | 8.3  |
|      | 0.8   | +0.1 |      | 9.3   | 8.4  |
|      | 2.0   | 1.1  |      | 9.4   | 8.5  |
|      | 3.2   | 2.3  |      | 9.5   | 8.6  |
|      | 3.8   | 2.9  | +50  | 9.5   | 8.6  |
|      | 4.8   | 3.9  | 1+00 | 9.4   | 8.5  |
|      | 5.5   | 4.6  |      | 9.5   | 8.6  |
|      | 6.7   | 5.8  |      | 9.6   | 8.7  |
|      | 7.0   | 6.1  |      | 9.8   | 8.9  |
|      | 7.3   | 6.4  | 3+00 | 9.5   | 8.6  |
|      | 8.2   | 7.3  | +50  | 9.6   | 8.7  |

**0.9**



11-27-62 NEW BAY  
 STA W 98+00 CONT

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (0.9) | 9.6   | 8.7  |      | 9.1   | 8.2  |
|       | 9.6   | "    |      | 9.1   | "    |
|       | 9.6   | "    |      | 9.1   | "    |
| 3+50  | 9.6   | "    |      | 9.2   | 8.3  |
|       | 9.8   | 8.9  | 5+00 | 9.1   | 8.2  |
|       | 9.8   | 8.9  |      | 9.2   | 8.3  |
|       | 9.9   | 9.0  |      | 9.2   | "    |
|       | 9.9   | 9.0  |      | 9.2   | "    |
| 4+00  | 9.8   | 8.9  |      | 9.1   | 8.2  |
|       | 9.6   | 8.7  | +50  | 9.1   | 8.2  |
|       | 9.4   | 8.5  |      | 9.2   | 8.3  |
|       | 9.2   | 8.3  |      | 9.1   | 8.2  |
|       | 9.2   | 8.3  |      | 9.2   | 8.3  |
| +50   | 9.1   | 8.2  |      | 9.3   | 8.4  |
|       |       |      | 6+00 | 9.3   | 8.4  |

STA W 99+00 0+00: N 15220 SOUND SOUTH

|       |     |      |      |     |     |
|-------|-----|------|------|-----|-----|
| 0     |     |      |      | 5.5 | 4.1 |
| (1.4) |     |      | 1+00 | 6.2 | 4.8 |
|       |     |      |      | 6.8 | 5.4 |
| 1:35  |     |      |      | 6.9 | 5.5 |
|       | 0.0 | +1.4 |      | 7.0 | 5.6 |
| +50   | 0.8 | +0.6 |      | 7.8 | 6.4 |
|       | 1.5 | 0.1  | +50  | 8.1 | 6.7 |
|       | 2.0 | 0.6  |      | 8.4 | 7.0 |
|       | 3.6 | 2.2  |      | 8.8 | 7.4 |

11-27 24  
 STA W 99+00 CONT SWLY DE ANZA

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (1.4) | 9.0   | 7.6  |      | 9.9   | 8.6  |
|       | 9.3   | 7.9  |      | 9.9   | 8.6  |
| 2+00  | 9.3   | "    | +50  | 9.7   | 8.4  |
|       | 9.3   | "    |      | 9.3   | 8.0  |
|       | 9.3   | "    |      | 9.2   | 7.9  |
|       | 9.2   | 7.8  |      | 9.0   | 7.7  |
|       | 9.2   | "    |      | 9.1   | 7.8  |
| +50   | 9.3   | 7.9  | 5+00 | 9.0   | 7.7  |
|       | 9.2   | 7.8  |      | 9.2   | 7.9  |
|       | 9.2   | 7.8  |      | 9.2   | 7.9  |
|       | 9.3   | 7.9  |      | 9.3   | 8.0  |
|       | 9.3   | 7.9  |      | 9.3   | 8.0  |
| 3+00  | 9.4   | 8.0  | +50  | 9.2   | 7.9  |
|       | 9.6   | 8.2  |      | 9.1   | 7.8  |
|       | 9.6   | 8.2  |      | 9.2   | 7.9  |
|       | 9.8   | 8.4  |      | 9.0   | 7.7  |
|       | 9.9   | 8.5  |      | 9.0   | "    |
| +50   | 9.9   | 8.5  | 6+00 | 9.0   | "    |
| 1:40  | 10.1  | 8.7  |      |       |      |
| (1.3) | 10.0  | 8.7  |      |       |      |
|       | 9.9   | 8.6  |      |       |      |
|       | 9.9   | 8.6  |      |       |      |
| 4+00  | 9.8   | 8.5  |      |       |      |
|       | 9.8   | 8.5  |      |       |      |
|       | 9.8   | 8.5  |      |       |      |







11-27-62  
STA W 100+00 CONT

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (1.6) | 9.9   | 8.3  |      | 10.0  | 8.4  |
|       | 9.8   | 8.2  |      | 9.8   | 8.2  |
|       | 10.0  | 8.4  |      | 9.5   | 7.9  |
| +50   | 10.0  | "    |      | 9.4   | 7.8  |
|       | 10.0  | "    | 5+00 | 9.6   | 8.0  |
|       | 10.0  | "    |      | 9.6   | 8.0  |
|       | 10.1  | 8.5  |      | 9.3   | 7.7  |
|       | 10.1  | "    |      | 9.1   | 7.5  |
| 4+00  | 10.1  | "    |      | 9.1   | "    |
|       | 10.1  | "    | 50   | 9.1   | "    |
|       | 10.1  | "    |      | 9.1   | "    |
|       | 10.1  | "    |      | 9.1   | "    |
| +50   | 10.1  | "    |      | 9.3   | 7.7  |
|       |       |      | 6+00 | 9.4   | 7.8  |

STA N 154+00, 0+00: W 10120 SOUND WEST

|       |     |      |      |      |     |
|-------|-----|------|------|------|-----|
| 0     |     |      |      | 6.0  | 4.2 |
| 1:10  |     |      | 1+00 | 7.6  | 5.8 |
| (1.8) |     |      |      | 9.2  | 7.4 |
|       | 0.1 | +1.7 |      | 10.2 | 8.4 |
|       | 0.8 | +1.0 |      | 10.6 | 8.8 |
| +50   | 1.7 | +0.1 |      | 10.7 | 8.9 |
|       | 2.2 | 0.4  | +50  | 11.0 | 9.2 |
|       | 2.8 | 1.0  |      | 11.0 | 9.2 |
|       | 3.6 | 1.8  |      | 10.9 | 9.1 |

NELY AREA DE ANZA (26)  
STA N 154+00 CONT 11-27-62

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (1.8) | 10.8  | 9.0  |      | 10.9  | 9.1  |
|       | 11.0  | 9.2  |      | 11.0  | 9.2  |
| 2+00  | 11.0  | 9.2  | +50  | 11.0  | "    |
|       | 11.0  | 9.2  |      | 11.0  | "    |
|       | 11.0  | 9.2  |      | 11.0  | "    |
|       | 10.9  | 9.1  |      | 11.0  | "    |
|       | 10.9  | "    |      | 10.9  | 9.1  |
| +50   | 10.9  | "    | 5+00 | 10.7  | 8.9  |
|       | 10.9  | "    |      | 10.6  | 8.8  |
|       | 11.0  | 9.2  |      | 10.7  | 8.9  |
|       | 11.0  | "    |      | 10.5  | 8.7  |
|       | 11.0  | "    |      | 10.5  | 8.7  |
| 3+00  | 11.0  | "    | +50  | 10.3  | 8.5  |
|       | 11.0  | "    |      | 10.3  | "    |
|       | 11.0  | "    |      | 10.3  | "    |
|       | 11.0  | "    |      | 10.3  | "    |
|       | 11.0  | "    |      | 10.3  | "    |
| +50   | 10.8  | 9.0  | 6+00 | 10.5  | 8.7  |
|       | 10.6  | 8.8  |      | 10.2  | 8.4  |
|       | 10.7  | 8.9  |      | 10.1  | 8.3  |
|       | 10.7  | 8.9  |      |       |      |
|       | 10.6  | 8.8  |      |       |      |
| 4+00  | 10.6  | 8.8  |      |       |      |
|       | 10.7  | 8.9  |      |       |      |
|       | 10.7  | 8.9  |      |       |      |



NELLY BAY - 11-27-62

B/L = FB 106

STA W/01+00; 0+00 = N/5370 SOUTH

DIST SOUND ELEV DIST SOUND ELEV

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| 0     |       |      |      | 11.8  | 9.8  |
|       |       |      | +50  | 11.2  | 9.2  |
| 1100  |       |      |      | 11.0  | 9.0  |
| (2.0) | 300.4 | +1.6 |      | 10.8  | 8.8  |
|       | 200.9 | +1.1 |      | 10.9  | 8.9  |
| +5610 | 1.5   | +0.5 |      | 10.9  | 8.9  |
| 15300 | 2.2   | 0.2  | 3+00 | 10.7  | 8.7  |
| 290   | 3.2   | 1.2  |      | 10.5  | 8.5  |
|       | 3.5   | 1.5  |      | 10.5  | "    |
|       | 5.2   | 3.2  |      | 10.6  | 8.6  |
| 1+00  | 8.8   | 6.8  |      | 10.5  | 8.5  |
|       | 10.0  | 8.0  | +50  | 10.4  | 8.4  |
|       | 11.0  | 9.0  |      | 10.4  | "    |
|       | 11.3  | 9.3  |      | 10.3  | 8.3  |
|       | 11.5  | 9.5  |      | 10.3  | "    |
| +50   | 11.5  | 9.5  |      | 10.2  | 8.2  |
|       | 11.3  | 9.3  | +400 | 10.3  | 8.3  |
|       | 11.2  | 9.2  |      | 10.2  | 8.2  |
|       | 11.2  | "    |      | 10.2  | "    |
|       | 11.2  | "    |      | 10.2  | "    |
| 2+00  | 11.3  | 9.3  |      | 10.3  | 8.3  |
|       | 11.5  | 9.5  | +50  | 10.2  | 8.2  |
|       | 11.8  | 9.8  |      | 10.2  | "    |
|       | 11.8  | 9.8  |      | 10.2  | "    |

STA W/101+00 CONT SWLY DE ANZA AREA 11-27-62

DIST SOUND ELEV DIST SOUND ELEV

| DIST | SOUND | ELEV | DIST                  | SOUND | ELEV       |
|------|-------|------|-----------------------|-------|------------|
|      | 10.3  | 8.3  |                       | 10.3  |            |
|      | 10.4  | 8.4  |                       | 10.0  |            |
| 5+00 | 10.4  | 8.4  |                       | 10.0  |            |
|      | 10.3  | 8.3  |                       | 10.1  |            |
|      | 10.3  | "    | 6+00                  | 10.1  |            |
|      | 10.3  | "    |                       |       |            |
|      | 10.3  | "    |                       |       |            |
| +50  | 10.3  | "    |                       |       |            |
|      |       |      | STA N/55+00; 0+00 = W | 10180 | SOUND WEST |
|      |       |      | 0                     | 10.5  | 8.3        |
|      |       |      | 12:45                 | 10.5  | "          |
|      |       |      |                       | 10.5  | "          |
|      |       |      | (2.2)                 | 10.5  | "          |
|      | 0.0   | +2.2 | 2+00                  | 10.5  | "          |
| +50  | 0.9   | +1.3 |                       | 10.5  | "          |
|      | 1.6   | +0.6 |                       | 10.5  | "          |
|      | 2.6   | 0.4  |                       | 10.7  | 8.5        |
|      | 3.1   | 0.9  |                       | 10.8  | 8.6        |
|      | 4.2   | 2.0  | +50                   | 10.8  | "          |
| 1+00 | 6.1   | 3.9  |                       | 10.8  | "          |
|      | 7.5   | 5.3  |                       | 11.0  | 8.8        |
|      | 8.9   | 6.7  |                       | 10.9  | 8.7        |
|      | 9.5   | 7.3  |                       | 10.9  | "          |
|      | 10.0  | 7.8  | 3+00                  | 11.0  | 8.8        |
| +50  | 10.3  | 8.1  |                       | 11.0  | 8.8        |



STA N155400 CONT  
- NELY BAY - 11-27-62

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (2.1) | 11.1  | 9.0  |      | 11.9  | 9.8  |
| 12180 | 11.1  | "    |      | 11.8  | 9.7  |
|       | 11.1  | "    |      | 11.6  | 9.5  |
| +50   | 11.2  | 9.1  |      | 11.5  | 9.4  |
|       | 11.2  | "    | 5+00 | 11.4  | 9.3  |
|       | 11.3  | 9.2  |      | 11.4  | 9.3  |
|       | 11.3  | "    |      | 11.3  | 9.2  |
|       | 11.5  | 9.4  |      | 11.3  | 9.2  |
| 4+00  | 11.6  | 9.5  |      | 11.3  | 9.2  |
|       | 12.0  | 9.9  | +50  | 11.2  | 9.1  |
|       | 12.0  | "    |      | 10.9  | 8.8  |
|       | 12.0  | "    |      | 10.5  | 8.4  |
|       | 11.9  | 9.8  |      | 10.4  | 8.3  |
| +50   | 11.9  | "    |      | 10.4  | "    |
|       |       |      | 6+00 | 10.4  | "    |

STA N156+00; 0+00=W 10230 SOUND WEST

|        |     |      |      |      |     |
|--------|-----|------|------|------|-----|
| 0      |     |      |      | 7.0  | 4.6 |
| 12135  |     |      | 1+00 | 9.5  | 7.1 |
| (2.4)  |     |      |      | 10.2 | 7.8 |
| W10260 | 0.0 | +2.4 |      | 10.8 | 8.4 |
|        | 0.8 | +1.6 |      | 11.0 | 8.6 |
| +50    | 1.5 | +0.9 |      | 11.1 | 8.7 |
|        | 2.5 | 0.1  | +50  | 11.0 | 8.6 |
|        | 3.2 | 0.8  |      | 11.2 | 8.8 |
|        | 4.4 | 2.0  |      | 11.2 | 8.8 |

STA N156 +00 CONT 11-27-62  
SWLY DEANZA

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| (2.4) | 11.2  | 8.8  |      | 11.9  | 9.6  |
|       | 11.2  | "    |      | 11.7  | 9.4  |
| 2+00  | 11.2  | "    | +50  | 11.6  | 9.3  |
|       | 11.4  | 9.0  |      | 11.6  | 9.3  |
|       | 11.4  | 9.0  |      | 11.3  | 9.0  |
|       | 11.5  | 9.1  |      | 11.0  | 8.7  |
|       | 11.5  | 9.1  |      | 10.8  | 8.5  |
| +50   | 11.6  | 9.2  | 5+00 | 10.4  | 8.1  |
|       | 11.7  | 9.5  |      | 10.2  | 7.9  |
|       | 11.4  | 9.0  |      | 10.1  | 7.8  |
|       | 11.4  | 9.0  |      | 10.0  | 7.7  |
|       | 11.3  | 8.9  |      | 10.0  | 7.7  |
| 3+00  | 11.3  | "    | +50  | 10.0  | 7.7  |
|       | 11.3  | "    |      | 9.9   | 7.6  |
|       | 11.2  | 8.8  |      | 9.9   | "    |

(2.3)

|       |      |     |      |     |   |
|-------|------|-----|------|-----|---|
| 12140 | 11.1 | 8.8 |      | 9.9 | " |
| +50   | 11.2 | 8.9 | 6+00 | 9.9 | " |
|       | 11.1 | 8.8 |      |     |   |
|       | 11.1 | 8.8 |      |     |   |
|       | 11.2 | 8.9 |      |     |   |
|       | 11.8 | 9.5 |      |     |   |
| 4+00  | 11.8 | 9.5 |      |     |   |
|       | 11.9 | 9.6 |      |     |   |
|       | 12.0 | 9.7 |      |     |   |



SWLY DE ANZA + BIL = FB106  
 NELLY BAY - 11-27-62

STA N157+00 CONT  
 11-27-62

29

| STAN 157+00; 0+00 = W10270 |       | SOUND WEST |      |       |      |
|----------------------------|-------|------------|------|-------|------|
| DIST                       | SOUND | ELEV       | DIST | SOUND | ELEV |
| 0                          |       |            |      | 13.4  | 9.6  |
| 11:35                      |       |            | +50  | 13.2  | 9.4  |
| (3.8)                      | 0.5   | +3.3       |      | 13.0  | 9.2  |
|                            | 1.3   | +2.5       |      | 13.0  | "    |
|                            | 2.5   | +1.3       |      | 13.0  | "    |
| +50                        | 3.5   | +0.3       |      | 13.1  | 9.3  |
|                            | 4.4   | 0.6        | 3+00 | 13.1  | "    |
|                            | 5.2   | 1.4        |      | 13.1  | "    |
|                            | 8.0   | 4.2        |      | 13.1  | "    |
|                            | 10.2  | 6.4        |      | 13.2  | 9.4  |
| 1+00                       | 12.1  | 8.3        |      | 13.3  | 9.5  |
|                            | 12.4  | 8.6        | +50  | 13.4  | 9.6  |
|                            | 12.9  | 9.1        |      | 13.3  | 9.5  |
|                            | 13.0  | 9.2        |      | 13.2  | 9.4  |
|                            | 13.0  | "          |      | 13.2  | 9.4  |
| +50                        | 13.0  | "          |      | 13.2  | 9.4  |
|                            | 13.0  | "          | 4+00 | 13.0  | 9.2  |
|                            | 13.1  | 9.3        |      | 12.8  | 9.0  |
|                            | 13.1  | "          |      | 12.7  | 8.9  |
|                            | 13.1  | "          |      | 12.6  | 8.8  |
| 2+00                       | 13.2  | 9.4        |      | 12.5  | 8.7  |
|                            | 13.3  | 9.5        | +50  | 12.5  | 8.7  |
|                            | 13.3  | "          |      | 12.3  | 8.5  |
|                            | 13.3  | "          |      | 12.1  | 8.3  |

| STAN 157+00 CONT          |       | SOUND WEST |                         |       |      |
|---------------------------|-------|------------|-------------------------|-------|------|
| DIST                      | SOUND | ELEV       | DIST                    | SOUND | ELEV |
| (3.8)                     | 12.0  | 8.2        | (3.8)                   | 5.3   | 1.5  |
|                           | 11.7  | 7.9        |                         | 4.2   | 0.4  |
| 5+00                      | 11.4  | 7.6        |                         | 3.7   | +0.1 |
|                           | 10.9  | 7.1        |                         | 3.1   | +0.7 |
|                           | 10.1  | 7.3        | 6+00                    | 2.2   | +1.6 |
|                           | 8.8   | 5.0        |                         |       |      |
|                           | 6.0   | 2.2        | N157+95-94 = EC SKIPPED |       |      |
| +50                       | 6.0   | 2.2        |                         |       |      |
| STAN 158+00; 0+00 = 10310 |       | SOUND WEST |                         |       |      |
| 0                         | 0.3   | +3.8       |                         | 13.0  | 8.9  |
| 11:25                     | 1.0   | +3.1       |                         | 13.0  | "    |
| (4.1)                     | 2.1   | +2.0       |                         | 13.0  | "    |
|                           | 3.2   | +0.9       |                         | 12.9  | 8.8  |
|                           | 5.0   | 0.9        | 2+00                    | 12.9  | 8.8  |
| +50                       | 7.5   | 3.4        |                         | 12.8  | 8.7  |
|                           | 10.5  | 6.4        |                         | 12.5  | 8.4  |
|                           | 12.8  | 8.7        |                         | 12.4  | 8.3  |
|                           | 12.9  | 8.8        |                         | 12.4  | 8.3  |
|                           | 12.9  | 8.8        | +50                     | 12.3  | 8.2  |
| 1+00                      | 13.0  | 8.9        |                         | 12.5  | 8.4  |
|                           | 12.9  | 8.8        |                         | 13.2  | 9.1  |
|                           | 13.0  | 8.9        |                         | 13.2  | "    |
|                           | 13.0  | "          |                         | 13.2  | "    |
|                           | 13.0  | "          | 3+00                    | 13.3  | 9.2  |
| +50                       | 13.0  | "          |                         | 13.4  | 9.3  |



NELY BAY AREA

STAN 158+00 - CONT 11-27-62  
BLK = FBMB106

| DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| 11:30 | 13.2  | 9.2  |      |       |      |
| (4.0) | 13.0  | 9.0  |      |       |      |
|       | 13.0  | "    |      |       |      |
| +50   | 13.0  | "    | 6+00 |       |      |
|       | 12.9  | 8.9  |      |       |      |
|       | 12.5  | 8.5  |      |       |      |
|       | 11.3  | 7.3  |      |       |      |
|       | 10.1  | 6.1  |      |       |      |
| 4+00  | 8.3   | 4.3  |      |       |      |
|       | 5.2   | 1.2  |      |       |      |
|       | 3.0   | +1.0 |      |       |      |
|       | 1.4   | +2.6 |      |       |      |
|       | MUD   |      |      |       |      |
| +50   | FLATS |      |      |       |      |

5+00

+50

ROSE CREEK AREA

BLK = FB106 11-29-62

130

| STAN 159+00; 0+00 = W 103402 |       |      | SOUND WEST |       |      |
|------------------------------|-------|------|------------|-------|------|
| DIST                         | SOUND | ELEV | DIST       | SOUND | ELEV |
| 0                            | 0.0   | +2.4 |            | 12.0  | 9.6  |
| 1:35                         | 0.5   | +1.9 | +50        | 11.9  | 9.5  |
| (2.4)                        | 2.0   | +0.4 |            | 11.9  | 9.5  |
|                              | 4.8   | 2.4  |            | 11.8  | 9.4  |
|                              | 7.0   | 4.6  |            | 11.7  | 9.3  |
| +50                          | 9.2   | 6.8  |            | 10.6  | 8.2  |
|                              | 11.2  | 8.8  | 3+00       | 8.8   | 6.4  |
|                              | 12.0  | 9.6  |            | 6.5   | 4.1  |
|                              | 12.0  | "    |            | 3.0   | 0.6  |
|                              | 12.0  | "    |            | 1.2   | +1.2 |
| 1+00                         | 12.0  | "    |            | SHORE |      |
|                              | 12.0  | "    | +50        | "     |      |
|                              | 12.0  | "    |            |       |      |
|                              | 12.0  | "    |            |       |      |
| +50                          | 12.0  | "    |            |       |      |
|                              | 12.1  | 9.7  | 4+00       |       |      |
|                              | 12.2  | 9.8  |            |       |      |
|                              | 12.0  | 9.6  |            |       |      |
|                              | 12.0  | "    |            |       |      |
| 2+00                         | 12.0  | "    |            |       |      |
|                              | 12.1  | 9.7  | +50        |       |      |
|                              | 12.0  | 9.6  |            |       |      |
|                              | 12.0  | "    |            |       |      |



11-29-62  
ROSE CREEK

SOUND

| STAN 161+00; 0+00=W 10350 WEST |       |      | SOUND |       |      |
|--------------------------------|-------|------|-------|-------|------|
| DIST                           | SOUND | ELEV | DIST  | SOUND | ELEV |
| 0                              |       |      | 11.2  | 8.7   |      |
| 1:30                           | 0.2   | +2.3 | +50   | 10.6  | 8.1  |
| (2.5)                          | 0.6   | +1.9 |       | 8.7   | 6.2  |
|                                | 2.0   | +2.0 |       | 6.6   | 4.1  |
|                                | 4.4   | 1.9  |       | 2.8   | 0.3  |
| +50                            | 5.8   | 3.3  |       | SHORE |      |
|                                | 7.4   | 4.9  | 3+00  |       |      |
|                                | 10.2  | 7.7  |       |       |      |
|                                | 10.8  | 8.3  |       |       |      |
|                                | 11.0  | 8.5  |       |       |      |
| 1+00                           | 11.1  | 8.6  |       |       |      |
|                                | 11.2  | 8.7  | +50   |       |      |
|                                | 11.2  | "    |       |       |      |
|                                | 11.5  | 9.0  |       |       |      |
|                                | 11.9  | 9.4  |       |       |      |
| +50                            | 12.0  | 9.5  |       |       |      |
|                                | 12.0  | "    | 4+00  |       |      |
|                                | 12.0  | "    |       |       |      |
|                                | 12.0  | "    |       |       |      |
| 2+00                           | 12.0  | "    |       |       |      |
|                                | 11.8  | 9.3  | +50   |       |      |
|                                | 11.4  | 8.9  |       |       |      |
|                                | 11.3  | 8.8  |       |       |      |

ROSE CREEK  
11-29-62

(3)  
SOUND

| STAN 161+00; 0+00=W 10370 WEST |       |      | SOUND |       |      |
|--------------------------------|-------|------|-------|-------|------|
| DIST                           | SOUND | ELEV | DIST  | SOUND | ELEV |
| 0                              | 0.1   | +2.6 |       | 2.5   | +0.2 |
| 1:20                           | 1.1   | +1.6 | +50   | SHORE |      |
| (2.7)                          | 2.9   | 0.2  |       |       |      |
|                                | 4.8   | 2.1  |       |       |      |
|                                | 6.8   | 4.1  |       |       |      |
| +50                            | 8.7   | 6.0  |       |       |      |
|                                | 10.0  | 7.3  | 3+00  |       |      |
|                                | 10.4  | 7.7  |       |       |      |
|                                | 10.8  | 8.1  |       |       |      |
|                                | 10.9  | 8.2  |       |       |      |
| 1+00                           | 11.0  | 8.3  |       |       |      |
|                                | 11.0  | "    | +50   |       |      |
|                                | 11.2  | 8.5  |       |       |      |
|                                | 11.2  | "    |       |       |      |
|                                | 11.2  | "    |       |       |      |
| +50                            | 11.2  | "    |       |       |      |
|                                | 11.2  | "    | 4+00  |       |      |
|                                | 11.1  | 8.4  |       |       |      |
|                                | 11.1  | "    |       |       |      |
|                                | 11.0  | 8.3  |       |       |      |
| 2+00                           | 10.8  | 8.1  |       |       |      |
|                                | 9.5   | 6.4  | +50   |       |      |
|                                | 8.0   | 5.3  |       |       |      |
|                                | 6.3   | 3.6  |       |       |      |



FB106

## ROSE CREEK

11-29-62

SOUND

STAN 162+00; 0+00=W 10380° WEST

DIST SOUND ELEV DIST SOUND ELEV

0 3.5 0.7

1.15 0.6 +2.2 +50 shore

2.8 1.9 +0.9

3.7 0.9

5.4 2.6

+50 7.2 4.4

9.2 6.4 3+00

10.2 7.4

10.5 7.7

10.6 7.8

+100 11.0 8.2

11.0 " +50

11.0 "

11.1 8.3

11.1 "

+50 11.1 "

11.1 " 4+00

10.9 8.1

10.9 "

10.7 7.9

2+00 10.4 7.6

10.0 7.2 +50

9.1 6.3

6.7 3.9

## ROSE CREEK

BK-MD106

132

11-29-62

SOUND

STAN 163+00; 0+00=W 10380° WEST

DIST SOUND ELEV DIST SOUND ELEV

0 7.9 5.0

1.10 5.1 2.2

2.9 0.8 +2.1 2.0 +0.9

2.2 +0.7 shore

3.9 1.0

+50 6.8 3.9

8.0 5.1 3+00

9.9 7.0

10.6 7.7

10.9 8.0

+100 10.9 8.0

10.8 7.9 +50

11.0 8.1

11.0 "

11.0 "

+50 11.0 "

11.0 " 4+00

10.9 8.0

10.8 7.9

10.8 "

2+00 10.7 7.8

10.5 7.6 +50

10.3 7.4

9.2 7.3



ROSE CREEK  
11-29-62  
B/L = FB/106-

SOUND

STAN 164+00; 0+00 = W 10400° WEST

DIST SOUND ELEV DIST SOUND ELEV

0 3.0 +0.1

1:05 +50 Shore

(3.1) 1.1 +2.0

4.1 1.0

5.5 2.4

+50 8.0 4.9

10.2 7.1 3+00

10.5 7.4

10.8 7.7

11.0 7.9

1+00 11.0 7.9

11.1 8.0 +50

11.2 8.1

11.3 8.2

11.3 8.2

+50 11.3 "

11.3 " 4+00

11.4 8.3

11.4 "

11.3 8.2

2+00 11.1 8.0

10.7 7.6 +50

9.3 6.2

6.4 3.3

ROSE CREEK B/L = FB/106  
11-29-62

(33)  
SOUND

STAN 165+00; 0+00 = W 10420° WEST

DIST SOUND ELEV DIST SOUND ELEV

0 0.5 +2.7 Shore

1:00 2.2 +1.0 +50

(3.2) 6.9 3.7

7.5 4.3

9.2 6.0

+50 10.9 7.7

11.2 8.0 3+00

11.3 8.1

11.3 "

11.4 8.2

1+00 11.6 8.4

11.8 8.6 +50

11.8 8.6

11.9 8.7

11.9 "

+50 11.9 "

11.9 " 4+00

11.8 8.6

11.3 8.1

11.0 7.8

2+00 10.3 7.1

9.2 6.0 +50

7.0 3.8

5.2 2.0



ROSE CREEK  
11-27-62

SOUND

| STAN 166400; 0+00=W/0420 WEST |       |      | SOUND |       |      |
|-------------------------------|-------|------|-------|-------|------|
| DIST                          | SOUND | ELEV | DIST  | SOUND | ELEV |
| 0                             |       |      | 7.9   | 2.6   |      |
| 10:25                         | 1.1   | +42  | +50   | 4.9   | +0.4 |
| (5.3)                         | 3.0   | +2.3 |       | SHORE |      |
|                               | 5.4   | 0.1  |       |       |      |
|                               | 8.2   | 2.9  |       |       |      |
| +50                           | 9.3   | 4.0  |       |       |      |
|                               | 10.6  | 5.3  | 3+00  |       |      |
|                               | 12.0  | 6.7  |       |       |      |
|                               | 12.1  | 6.8  |       |       |      |
|                               | 12.2  | 6.9  |       |       |      |
| 1+00                          | 12.3  | 7.0  |       |       |      |
|                               | 12.4  | 7.1  | +50   |       |      |
|                               | 12.6  | 7.3  |       |       |      |
|                               | 12.8  | 7.5  |       |       |      |
|                               | 12.8  | 7.5  |       |       |      |
| +50                           | 12.8  | 7.5  |       |       |      |
|                               | 12.7  | 7.4  | 4+00  |       |      |
|                               | 12.7  | 7.4  |       |       |      |
|                               | 12.7  | 7.4  |       |       |      |
|                               | 12.7  | 7.4  |       |       |      |
| 2+00                          | 12.6  | 7.3  |       |       |      |
|                               | 12.1  | 6.8  | +50   |       |      |
|                               | 11.8  | 6.5  |       |       |      |
|                               | 10.4  | 5.1  |       |       |      |

ROSE CREEK  
11-27-62

(34)

SOUND

| STA 167400; 0+00=W/0440 WEST |       |      | SOUND |       |      |
|------------------------------|-------|------|-------|-------|------|
| DIST                         | SOUND | ELEV | DIST  | SOUND | ELEV |
| 0                            |       |      | 8.0   | 2.6   |      |
| 10:20                        | 2.0   | +3.4 | +50   | 4.3   | +1.1 |
| (5.4)                        | 3.9   | +1.5 |       | SHORE |      |
|                              | 7.9   | 2.5  |       |       |      |
|                              | 9.3   | 3.9  |       |       |      |
| +50                          | 10.3  | 4.9  |       |       |      |
|                              | 11.3  | 5.9  | 3+00  |       |      |
|                              | 12.0  | 6.6  |       |       |      |
|                              | 12.0  | 6.6  |       |       |      |
|                              | 12.2  | 6.8  |       |       |      |
| 1+00                         | 12.2  | 6.8  |       |       |      |
|                              | 12.3  | 6.9  | +50   |       |      |
|                              | 12.4  | 7.0  |       |       |      |
|                              | 12.4  | 7.0  |       |       |      |
|                              | 12.6  | 7.2  |       |       |      |
| +50                          | 12.6  | 7.2  |       |       |      |
|                              | 13.0  | 7.6  | 4+00  |       |      |
|                              | 12.9  | 7.5  |       |       |      |
|                              | 12.8  | 7.4  |       |       |      |
|                              | 12.7  | 7.3  |       |       |      |
| 2+00                         | 12.2  | 6.8  |       |       |      |
|                              | 12.1  | 6.7  | +50   |       |      |
|                              | 11.9  | 6.5  |       |       |      |
|                              | 10.2  | 4.8  |       |       |      |



ROSE CREEK  
11-27-62

SOUND

STAN 168+00; 0+00=W/10460 WEST

DIST SOUND ELEV DIST SOUND ELEV

0 7.8 2.3

10.15 2.8 +2.7 +50 SHORE

(5.5) 6.1 0.6

9.0 3.5

10.3 4.8

+50 11.1 5.6

11.6 6.1 3+00

11.9 6.4

12.1 6.6

12.1 6.6

1+00 12.2 6.7

12.2 6.7 +50

.50t 12.2 6.7

SILT 12.2 6.7

12.2 6.7

+50 12.3 6.8

12.3 6.8 4+00

12.3 6.8

12.3 6.8

12.3 6.8

2+00 12.1 6.6

12.0 6.5 +50

11.2 5.7

10.6 5.1

ROSE CREEK  
11-27-62

135

SOUND

STAN 169+00; 0+00=W/10480 WEST

DIST SOUND ELEV DIST SOUND ELEV

0 SHORE

10.10 3.1 +2.5 +50

(5.6) 7.3 1.7

10.0 4.4

10.5 4.9

+50 11.4 5.8

11.9 6.3 3+00

12.0 6.4

12.0 6.4

12.0 6.4

1+00 12.0 6.4

12.0 6.4 +50

12.0 6.4

12.0 6.4

12.0 6.4

+50 12.0 6.4

12.0 6.4 4+00

12.0 6.4

11.8 6.2

11.7 6.1

2+00 11.3 5.7

10.9 5.3 +50

10.2 4.6

7.4 1.8



ROSE CREEK  
11-27-62

SOUND

STAN 170+00; 0+00 = W 10490

WEST

DIST SOUND ELEV DIST SOUND ELEV

0 9.6 3.9

10:00 1.9 +3.8 +50 8.3 2.5

(5.7) 4.5 +1.2 3.3 +2.4

8.2 2.5 SHORE

10.3 4.6

+50 11.0 5.3

11.8 6.1 3+00

12.0 6.3

12.1 6.4

12.1 6.4

1+00 12.2 6.5

12.3 6.6 +50

12.3 6.6

12.4 6.7

12.5 6.8

+50 12.5 6.8

12.4 6.7 4+00

12.4 6.7

12.3 6.6

12.0 6.3

2+00 11.7 6.0

11.2 5.5 +50

11.0 5.3

10.9 5.2

ROSE CREEK

36

SOUND

STAN 171+00; 0+00 = W 10510

WEST

DIST SOUND ELEV DIST SOUND ELEV

0 5.1 0.3

10:55 2.0 +2.8 +50 SHORE

(4.8) 7.9 3.1

10.0 5.2

10.5 5.7

+50 11.1 6.3

11.1 6.3 3+00

11.2 6.4

11.4 6.6

11.4 6.6

1+00 11.4 6.6

11.4 6.6 +50

11.4 6.6

11.3 6.5

11.3 6.5

+50 11.2 6.4

11.3 6.5 4+00

11.0 6.2

11.0 6.2

10.9 6.1

2+00 10.3 5.5

10.0 5.2 +50

9.8 5.0

7.8 3.0



ROSE CREEK  
11-27-62

SOUND

STAN 172+00 } 0+00=W 10520 West

DIST SOUND ELEV DIST SOUND ELEV

0 6.3 1.6

11:00 0.5 +42 +50 Shore

**(4.7)** 3.3 +1.4

7.3 2.6

8.4 3.7

+50 9.4 4.7

10.7 6.0 3+00

10.6 5.9

10.8 6.1

10.9 6.2

1+00 11.0 6.3

11.2 6.5 +50

11.2 6.5

11.2 6.5

11.3 6.6

+50 11.3 6.6

11.3 6.6 4+00

11.3 "

11.3 "

11.3 "

2+00 11.1 6.4

10.5 5.8 +50

10.1 5.4

9.0 4.3

ROSE CREEK  
11-27-62

SOUND

STAN 173+00 } 0+00=W 10540

DIST SOUND ELEV DIST SOUND ELEV

0 7.4 2.9

11:05 +50 3.0 +1.5

**(4.5)** 2.4 +2.1 Shore

4.9 0.4

7.1 2.6

+50 7.9 3.4

9.0 4.5 3+00

10.0 5.5

10.5 6.0

10.4 5.9

1+00 10.6 6.1

10.8 6.3 +50

10.8 6.3

10.7 6.2

10.7 6.2

+50 10.7 6.2

11.0 6.5 4+00

10.8 6.3

10.7 6.2

10.7 6.2

2+00 10.3 5.8

10.2 5.7 +50

10.0 5.5

9.0 4.5

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ROSE CREEK  
11-27-62

| STAN 174+00                 |       |      | STAN 175+00                 |       |      |
|-----------------------------|-------|------|-----------------------------|-------|------|
| 0+00 = W 10570 <sup>e</sup> |       |      | 0+00 = W 10590 <sup>e</sup> |       |      |
| DIST                        | SOUND | ELEV | DIST                        | SOUND | ELEV |
| 0                           |       |      | 5.2                         | 0.9   |      |
| 11:15                       | 2.8   | +1.5 | +50                         | 2.0   | +2.3 |
| (4.3)                       | 6.2   | 1.9  |                             | Shore |      |
|                             | 7.3   | 3.0  |                             |       |      |
|                             | 8.7   | 4.4  |                             |       |      |
| +50                         | 9.2   | 4.9  |                             |       |      |
|                             | 9.5   | 5.2  | 3+00                        |       |      |
|                             | 9.8   | 5.5  |                             |       |      |
|                             | 10.0  | 5.7  |                             |       |      |
|                             | 10.2  | 5.9  |                             |       |      |
| 1+00                        | 10.2  | 5.9  |                             |       |      |
|                             | 10.2  | 5.9  | +50                         |       |      |
|                             | 10.2  | 5.9  |                             |       |      |
|                             | 10.3  | 6.0  |                             |       |      |
|                             | 10.4  | 6.1  |                             |       |      |
| +50                         | 10.5  | 6.2  |                             |       |      |
|                             | 10.6  | 6.3  | 4+00                        |       |      |
|                             | 10.8  | 6.5  |                             |       |      |
|                             | 10.8  | 6.5  |                             |       |      |
|                             | 10.8  | 6.5  |                             |       |      |
| 2+00                        | 10.8  | 6.5  |                             |       |      |
|                             | 10.3  | 6.0  | +50                         |       |      |
|                             | 9.6   | 5.3  |                             |       |      |
|                             | 7.7   | 3.4  |                             |       |      |

ROSE CREEK FB106  
11-29-62

(38)

| STAN 175+00                 |       |      | STAN 176+00                 |       |      |
|-----------------------------|-------|------|-----------------------------|-------|------|
| 0+00 = W 10590 <sup>e</sup> |       |      | 0+00 = W 10610 <sup>e</sup> |       |      |
| DIST                        | SOUND | ELEV | DIST                        | SOUND | ELEV |
| 0                           |       |      | 8.8                         | 3.7   |      |
| 11:20                       | 0.0   | +5.1 | +50                         | 5.6   | 0.5  |
| (5.1)                       | 4.4   | +0.7 |                             | Shore |      |
|                             | 6.2   | 1.1  |                             |       |      |
|                             | 8.2   | 3.1  |                             |       |      |
| +50                         | 9.9   | 4.8  |                             |       |      |
|                             | 10.0  | 4.9  | 3+00                        |       |      |
|                             | 11.0  | 5.9  |                             |       |      |
|                             | 11.1  | 6.0  |                             |       |      |
|                             | 11.2  | 6.1  |                             |       |      |
| 1+00                        | 11.3  | 6.2  |                             |       |      |
|                             | 11.4  | 6.3  | +50                         |       |      |
|                             | 11.5  | 6.4  |                             |       |      |
|                             | 11.4  | 6.3  |                             |       |      |
|                             | 11.5  | 6.4  |                             |       |      |
| +50                         | 11.5  | 6.4  |                             |       |      |
|                             | 11.7  | 6.6  | 4+00                        |       |      |
|                             | 11.7  | 6.6  |                             |       |      |
|                             | 11.7  | 6.6  |                             |       |      |
|                             | 11.6  | 6.5  |                             |       |      |
| 2+00                        | 11.6  | 6.5  |                             |       |      |
|                             | 11.5  | 6.4  | +50                         |       |      |
|                             | 11.2  | 6.1  |                             |       |      |
|                             | 10.2  | 5.1  |                             |       |      |



B/L FB/06-58  
11-29-62

ROSE CREEK  
11-29-62

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| SOUND WEST |       |      | SOUND WEST |       |      |
|------------|-------|------|------------|-------|------|
| DIST       | SOUND | ELEV | DIST       | SOUND | ELEV |
| 0          |       |      | 6.5        | 1.3   |      |
| 1 11:15    |       |      | +50 3.3    | +1.9  |      |
| (5.2)      | 3.0   | +2.2 | Shore      |       |      |
|            | 5.5   | 0.3  |            |       |      |
|            | 8.2   | 3.0  |            |       |      |
| +50        | 9.8   | 4.6  |            |       |      |
|            | 10.1  | 4.9  |            |       |      |
|            | 10.5  | 5.3  |            |       |      |
|            | 11.0  | 5.8  |            |       |      |
|            | 11.0  | "    |            |       |      |
| 1 14:00    | 11.0  | "    |            |       |      |
|            | 11.2  | 6.0  |            |       |      |
|            | 11.1  | 5.9  |            |       |      |
|            | 11.1  | 5.9  |            |       |      |
|            | 11.0  | 5.8  |            |       |      |
| +50        | 10.9  | 5.7  |            |       |      |
|            | 11.0  | 5.8  |            |       |      |
|            | 10.9  | 5.7  |            |       |      |
|            | 10.9  | "    |            |       |      |
|            | 10.7  | 5.5  |            |       |      |
| 2 24:00    | 10.3  | 5.1  |            |       |      |
|            | 10.2  | 5.0  |            |       |      |
|            | 10.1  | 4.9  |            |       |      |
|            | 9.1   | 3.9  |            |       |      |
| SOUND WEST |       |      | SOUND WEST |       |      |
| DIST       | SOUND | ELEV | DIST       | SOUND | ELEV |
| 0          |       |      | 7.2        | 1.9   |      |
| 1 11:10    | 1.7   | +3.6 | +50        | Shore |      |
| (5.3)      | 4.0   | +1.3 |            |       |      |
|            | 6.0   | 0.7  |            |       |      |
|            | 8.1   | 2.8  |            |       |      |
| +50        | 9.9   | 4.6  |            |       |      |
|            | 10.2  | 4.9  |            |       |      |
|            | 10.3  | 5.0  |            |       |      |
|            | 11.0  | 5.7  |            |       |      |
|            | 11.1  | 5.8  |            |       |      |
| 1 14:00    | 11.0  | 5.7  |            |       |      |
|            | 11.2  | 5.9  |            |       |      |
|            | 11.3  | 6.0  |            |       |      |
|            | 11.4  | 6.1  |            |       |      |
|            | 11.3  | 6.0  |            |       |      |
| +50        | 11.3  | 6.0  |            |       |      |
|            | 11.3  | 6.0  |            |       |      |
|            | 11.4  | 6.1  |            |       |      |
|            | 11.4  | 6.1  |            |       |      |
|            | 11.2  | 5.9  |            |       |      |
| 2 24:00    | 10.8  | 5.5  |            |       |      |
|            | 10.2  | 4.9  |            |       |      |
|            | 10.1  | 4.8  |            |       |      |
|            | 8.9   | 3.6  |            |       |      |



ROSE CREEK B/L=FB106

11-29-62

B/LFB106 ROSE CREEK AREA

11-29-62

(40)

| STAN 178+00 |       | 0+00 = W 10700' |      | SOUND WEST |      |
|-------------|-------|-----------------|------|------------|------|
| DIST        | SOUND | ELEV            | DIST | SOUND      | ELEV |
| 0           |       |                 |      | Shore      |      |
| 11:00       | 0.0   | +5.5            | +50  |            |      |
| (5.5)       | 3.0   | +2.5            |      |            |      |
|             | 6.0   | 0.8             |      |            |      |
|             | 8.3   | 2.8             |      |            |      |
| +50         | 9.3   | 3.8             |      |            |      |
|             | 10.0  | 4.5             | 3+00 |            |      |
|             | 10.5  | 5.0             |      |            |      |
|             | 10.4  | 4.9             |      |            |      |
|             | 10.7  | 5.2             |      |            |      |
| 1+00        | 10.5  | 5.0             |      |            |      |
|             | 10.7  | 5.2             | +50  |            |      |
|             | 11.0  | 5.5             |      |            |      |
|             | 10.6  | 5.1             |      |            |      |
|             | 10.8  | 5.3             |      |            |      |
| +50         | 10.9  | 5.4             |      |            |      |
|             | 10.9  | 5.4             | 4+00 |            |      |
|             | 10.7  | 5.2             |      |            |      |
|             | 10.5  | 5.0             |      |            |      |
|             | 10.3  | 4.8             |      |            |      |
| 2+00        | 10.0  | 4.5             |      |            |      |
|             | 9.0   | 3.5             |      |            |      |
|             | 5.2   | +0.3            |      |            |      |
|             | 2.0   | +3.5            |      |            |      |

| STAN 179+00 |       | 0+00 = W 10750' |      | SOUND WEST |      |
|-------------|-------|-----------------|------|------------|------|
| DIST        | SOUND | ELEV            | DIST | SOUND      | ELEV |
| 0           |       |                 |      |            |      |
| 10:55       | 1.5   | +4.0            | +50  |            |      |
| (5.5)       | 4.7   | +0.8            |      |            |      |
|             | 6.6   | 1.1             |      |            |      |
|             | 8.7   | 1.2             |      |            |      |
| +50         | 9.9   | 4.4             |      |            |      |
|             | 10.6  | 5.1             | 3+00 |            |      |
|             | 11.2  | 5.7             |      |            |      |
|             | 11.3  | 5.8             |      |            |      |
|             | 11.6  | 6.1             |      |            |      |
| 1+00        | 11.9  | 6.4             |      |            |      |
|             | 12.0  | 6.5             | +50  |            |      |
|             | 12.0  | 6.5             |      |            |      |
|             | 11.7  | 6.2             |      |            |      |
|             | 11.7  | 6.2             |      |            |      |
| +50         | 11.4  | 5.9             |      |            |      |
|             | 11.2  | 5.7             | 4+00 |            |      |
|             | 10.7  | 5.2             |      |            |      |
|             | 10.2  | 4.7             |      |            |      |
|             | 9.1   | 3.6             |      |            |      |
| 2+00        | 7.3   | 1.8             |      |            |      |
|             | 4.1   | +1.4            |      |            |      |
|             | SHORE |                 |      |            |      |



| B/L FB106                  |             |      | RISE CREEK |       |      | B/L FB106                  |               |      | RISE CREEK |       |      |
|----------------------------|-------------|------|------------|-------|------|----------------------------|---------------|------|------------|-------|------|
|                            |             |      | 11-29-62   |       |      |                            |               |      | 11-29-62   |       |      |
|                            |             |      | SOUND      |       |      |                            |               |      | SOUND      |       |      |
| STAN 180+00; 0+00=W 10790° |             |      | WEST       |       |      | STAN 181+00; 0+00=W 10820° |               |      | WEST       |       |      |
| DNT                        | SOUND       | ELEV | DNT        | SOUND | ELEV | DNT                        | SOUND         | ELEV | DNT        | SOUND | ELEV |
| 0                          |             |      |            |       |      | 0                          |               |      |            |       |      |
| 10:45                      | R.R.<br>1.8 | +3.9 | +50        |       |      | 10:40                      | RIPRAV<br>4.9 | +1.8 | +50        |       |      |
| (5.7)                      | 7.0         | 1.3  |            |       |      | (5.7)                      | 7.0           | 1.3  |            |       |      |
|                            | 8.9         | 3.2  |            |       |      |                            | 9.0           | 3.3  |            |       |      |
|                            | 9.3         | 3.6  |            |       |      |                            | 9.9           | 4.2  |            |       |      |
| +50                        | 10.0        | 4.3  |            |       |      | +50                        | 9.8           | 4.1  |            |       |      |
|                            | 10.2        | 4.5  | 3+00       |       |      |                            | 9.9           | 4.2  | 3+00       |       |      |
|                            | 10.3        | 4.6  |            |       |      |                            | 10.2          | 4.5  |            |       |      |
|                            | 10.4        | 4.7  |            |       |      |                            | 11.0          | 5.3  |            |       |      |
|                            | 10.5        | 4.8  |            |       |      |                            | 11.2          | 5.5  |            |       |      |
| 1+00                       | 10.5        | "    |            |       |      | 1+00                       | 11.1          | 5.4  |            |       |      |
|                            | 10.6        | 4.9  | +50        |       |      |                            | 10.3          | 4.6  | +50        |       |      |
|                            | 10.5        | 4.8  |            |       |      |                            | 10.3          | 4.6  |            |       |      |
|                            | 10.5        | "    |            |       |      |                            | 10.1          | 4.4  |            |       |      |
|                            | 10.6        | 4.9  |            |       |      |                            | 9.8           | 4.1  |            |       |      |
| +50                        | 10.5        | 4.8  |            |       |      | +50                        | 9.5           | 3.8  |            |       |      |
| 10:50                      | 10.0        | 4.3  | 4+00       |       |      |                            | 8.7           | 3.0  | 4+00       |       |      |
|                            | 9.5         | 3.8  |            |       |      |                            | 6.9           | 1.2  |            |       |      |
|                            | 6.8         | 1.1  |            |       |      |                            | 4.7           | +1.0 |            |       |      |
|                            | 4.2         | +1.5 |            |       |      |                            | 1.3           | +4.4 |            |       |      |
| 2+00                       | SHORE       |      |            |       |      | 2+00                       | SHORE         |      |            |       |      |



RWE CREEK  
11-29-62

SOUND

STAN 182+00; 0+00=W/0 850

WEST

DIST SOUND ELEV DNT SOUND ELEV

0 0.0 +5.8

10:35 4.2 +1.6 +50

5.8 8.1 2.3

9.0 3.2

8.8 3.0

+50 8.8 3.0

9.0 3.2 3+00

9.0 3.2

8.7 2.9

8.4 2.6

1+00 8.2 2.4

8.1 2.3 +50

7.7 1.9

6.5 0.7

6.8 1.0

+50 6.1 0.3

6.0 0.2 4+00

6.0 0.2

5.3 +0.5

2.0 +3.8

2+00 shore

+50

RAJE CREEK -  
11-29-62

42

SOUND

STAN 183+00; 0+00=W/0 870

WEST

DIST SOUND ELEV DIST SOUND ELEV

0

10.30 1.3 +4.6 +50

5.9 7.6 1.7

8.0 2.1

7.8 1.9

+50 7.2 1.3

7.2 1.3 3+00

6.8 0.9

6.0 0.1

5.9 0.0

1+00 5.3 +0.6

5.3 +0.6 +50

5.8 +0.1

5.9 0.0

5.3 +0.6

+50 4.2 +1.7

3.3 +2.6 4+00

1.9 +4.0

1.0 +4.9

shore

2+00

+50



RISE CREEK -

STAN 184+00; 0+00 = W  
 SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV  
 0

+50

NOT ENOUGH TIDE TO SOUND

11-29.6 ~

+50

3+00

1+00

+50

+50

4+00

2+00

+50

CHECK SOUNDINGS AFTER FRANKL 48  
 DREDGING DEANZA POINT  
 2-13-63 - See Pg 28

STAN 156+00; 0+00 = W 10230' WEST  
 SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV  
 0+00 12.9 9<sup>2</sup>

WZ<sup>40</sup> 11:30 0.2 +35 +50 13.1 9<sup>4</sup>

(3.7) 0.9 +28 13.0 9<sup>3</sup>

1.5 +22 12.9 9<sup>2</sup>

2.0 +17 12.9 9<sup>2</sup>

+50 2.9 +08 12.8 9<sup>L</sup>

3.6 +0<sup>L</sup> 3+00 12.8 9<sup>L</sup>

4.5 0<sup>8</sup>

5.9 2<sup>2</sup>

8.9 5<sup>2</sup>

1400 10.8 7<sup>L</sup>

11.9 8<sup>2</sup> +50

12.1 8<sup>4</sup>

12.3 8<sup>6</sup>

12.3 8<sup>6</sup>

+50 12.7 9<sup>0</sup>

12.6 8<sup>9</sup> 4+00

12.7 9<sup>0</sup>

12.7 9<sup>0</sup>

2+00 12.7 9<sup>0</sup>

13.0 9<sup>3</sup> +50

12.9 9<sup>2</sup>

12.8 9<sup>L</sup>



STAN 156+00 CONT WEST

DIST SOUND ELEV DIST SOUND ELEV

5+00

6+00

+50

STAN 155+00; <sup>Pg 27-</sup> 0+00 = W 10/80° <sup>SOUND</sup> WEST 4+00

|                     |      |     |      |      |
|---------------------|------|-----|------|------|
| 0                   |      |     | 12 0 | 83   |
| 11:25               |      |     | 12 1 | 84   |
| <sup>W 10 200</sup> | 0 0  | +32 | 12 0 | 83   |
| (3.7)               | 1 0  | +22 | 12 1 | 84   |
|                     | 1 8  | +19 | 2+00 | 12 1 |
| +50                 | 2 4  | +07 |      | 12 1 |
|                     | 3 0  | +03 |      | 12 3 |
|                     | 4 1  | 0 4 |      | 12 4 |
|                     | 4 9  | 1 2 |      | 12 3 |
|                     | 6 1  | 2 4 | +50  | 12 3 |
| 1+00                | 7 9  | 4 2 |      | 12 3 |
|                     | 9 6  | 5 9 |      | 12 5 |
|                     | 10 6 | 6 9 |      | 12 5 |
|                     | 11 2 | 7 5 |      | 12 5 |
|                     | 11 5 | 7 8 | 3+00 | 12 6 |
| +50                 | 11 9 | 8 2 |      |      |

STAN 155+00 CONT WEST  
SEE Pg 27

DIST SOUND ELEV DIST SOUND ELEV

+50

5+00

+50

410  
15270  
140

<sup>Pg 27-</sup> STAN W 10/1+00; 0+00 = N 154 10° <sup>SOUND</sup> SOUTH

|          |     |     |      |      |
|----------|-----|-----|------|------|
| 0        |     |     | 2 8  | +0 2 |
| 11:40    |     |     | 3 2  | +0 5 |
| (3.7)    |     |     | 4 0  | 0 3  |
| N 15 380 | 0 0 | +32 | 4 8  | 1 1  |
| 70       | 0 4 | +33 | 5 4  | 1 7  |
| +50 60   | 1 1 | +26 | 9 1  | 5 4  |
| 50       | 1 3 | +24 | 10 2 | 6 5  |
| 40       | 2 2 | +15 | +50  | 11 2 |
|          |     |     |      | 7 5  |







See p 26

STA N154+00 CONT WEST

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|------|-------|------|------|-------|------|
|------|-------|------|------|-------|------|

5+00

6+00

+50

See Page 25

STA N153+00; 0+00 = W 9980 Sound West

0

11:55

(36)

W10010

+50

1+00

0° +36  
 0° +34  
 0° +27  
 1° +22  
 1° +17  
 2° +08  
 3° +04  
 3° 01  
 4° 05  
 4° 13  
 5° 17  
 8° 46

+50

2+00

+50

9° 62  
 10° 66  
 11° 76  
 12° 86  
 13° 96  
 13° 98  
 13° 96  
 12° 93  
 12° 92  
 12° 91  
 12° 87  
 12° 85  
 11° 83  
 11° 82  
 11° 82

STA N153+00 CONT WEST

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|------|-------|------|------|-------|------|
|------|-------|------|------|-------|------|

3+00

+50

4+00

+50

12:00

(3.6)

+50

11° 82  
 11° 82  
 11° 82  
 11° 82  
 11° 83  
 12° 84  
 12° 84  
 12° 84  
 12° 85

12° 85  
 12° 85  
 12° 87  
 12° 89  
 12° 91  
 12° 91

W 9860

0° +36  
 0° +32  
 0° +30  
 0° +28

(36)

5+00

+50

6+00

STA N152+00; 0+00 = W 9830°

1+00

1+50

12° 91  
 12° 92  
 12° 91  
 12° 93  
 13° 95  
 13° 95  
 13° 96  
 13° 96  
 13° 96  
 13° 96  
 13° 96  
 13° 96

1° 26  
 1° 21  
 2° 16  
 2° 13  
 2° 07  
 3° 03  
 4° 04

(46)



## STAN 152+00 CONT WEST

46

|   | DIST  | SOUND | ELEV | DIST | SOUND | ELEV |
|---|-------|-------|------|------|-------|------|
|   |       | 45    | 09   |      | 131   | 95   |
|   | 1750  | 55    | 19   | 4400 | 132   | 95   |
| S | (3.6) | 76    | 40   |      | 130   | 94   |
|   |       | 92    | 56   |      | 130   | 94   |
|   |       | 100   | 64   |      | 130   | 94   |
|   |       | 107   | 71   |      | 130   | 94   |
|   | 2400  | 120   | 84   | 450  | 130   | 94   |
|   |       | 126   | 90   |      | 130   | 94   |
|   |       | 129   | 93   |      | 128   | 92   |
| S |       | 130   | 94   |      | 130   | 94   |
|   |       | 130   | 94   |      | 129   | 93   |
| 1 | 750   | 130   | 94   | 5400 | 130   | 94   |
|   |       | 130   | 94   |      | 129   | 93   |
|   |       | 130   | 94   |      | 129   | 93   |
| W |       | 130   | 94   |      | 129   | 93   |
|   |       | 131   | 95   |      | 129   | 93   |
|   | 3400  | 132   | 96   | 450  | 128   | 92   |
|   |       | 133   | 97   |      | 127   | 91   |
|   |       | 134   | 98   |      | 127   | 91   |
|   |       | 135   | 99   |      | 127   | 91   |
| 1 |       | 132   | 96   |      | 128   | 92   |
|   | 4000  | 132   | 96   | 6400 | 128   | 92   |
|   |       | 132   | 96   |      |       |      |
|   |       | 130   | 94   |      |       |      |
|   |       | 131   | 95   |      |       |      |



2

3

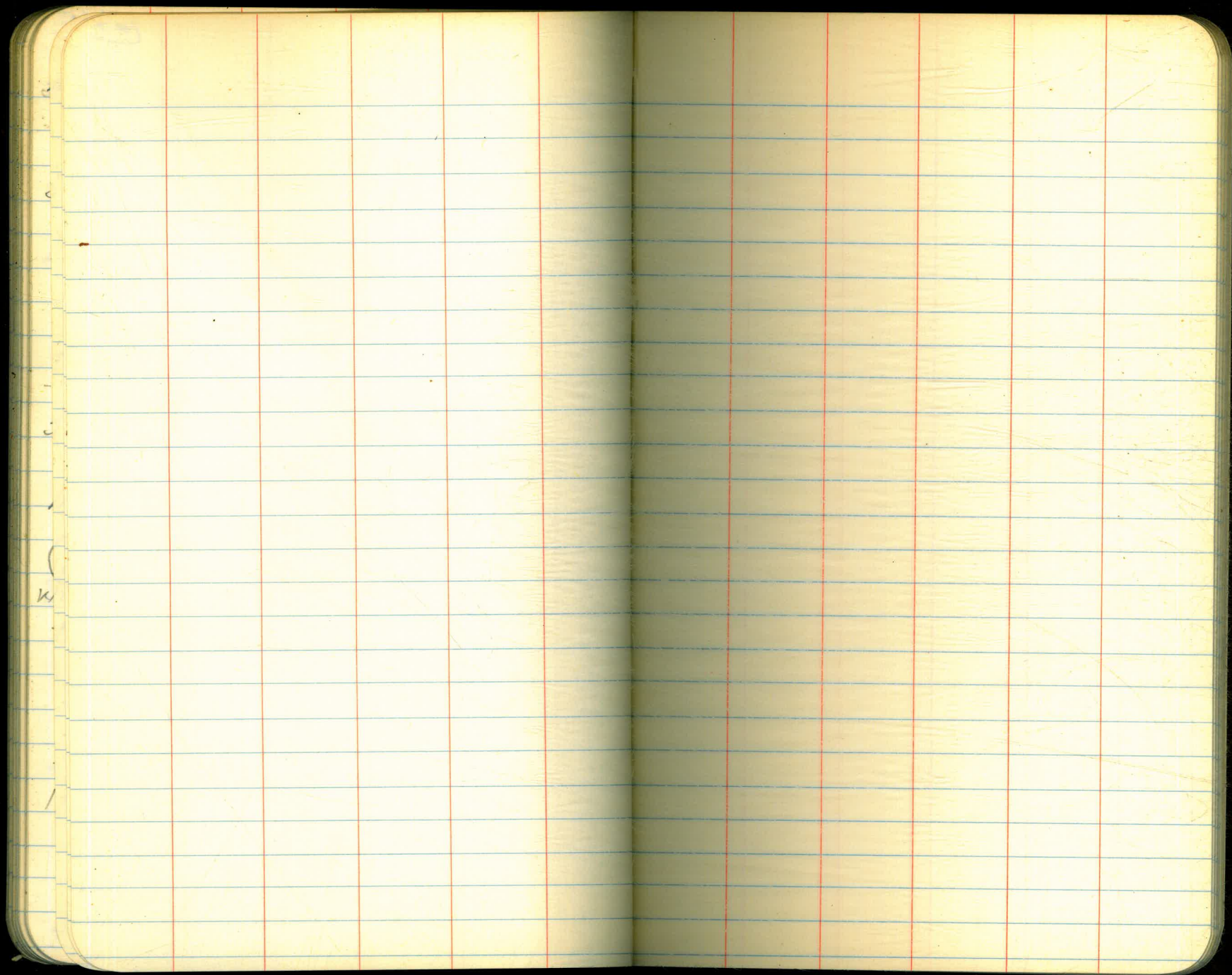
3

1

W

1







# 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 |



*[Faint, illegible text, possibly bleed-through from the reverse side]*

*[Faint, illegible text, possibly bleed-through from the reverse side]*

0.410  
0.100 370