Apx. 11 Log-Resistivity versus Log-Frequency Plots with Calculated Curve


STATION NO.

APPARENT RESISTIUITY CSERUED ALCULAIED

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | $\begin{aligned} & \text { OBSERUED CALCULATED } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ |  |
| :---: | :---: | :---: |
| 2848 | 463.14 | 435.96 |
| 1824 | 274. 88 | 282.81 |
| 512 | 240, 41 | 179.68 |
| 256 | 87. 31 | 131.32 |
| 128 | 73. 24 | 124,87 |
| 64 | 142. 75 | 149.82 |
| 32 | 236.31 | 199.93 |
| 16 | 281.60 | 269.57 |
| 8 | 334.79 | 351.14 |
| 4 | 460.95 | 435. 51 |

csimft Layered model




STATION MO 3

| APPAPEENT PESISTIUITY |  |
| :---: | :---: |
| CBSERUED | Cuthted |
| ( $\Omega \cdot \mathrm{m}$ ) |  |
| 871. 8 | 678.31 |
| 735.88 | 711. 5 ? |
| '71. 49 | T77. 82 |
| 817.92 | 83.43 |
| 591.18 | 846.58 |
| 697. 85 | 921. 52 |
| 1206372 | 1135.37 |
| 198887 | 1506. 52 |
| 396813 | 2915.94 |
| 5436. 25 | 2616, 28 |

CSAMT LAMERED MODEL

|  | $\begin{gathered} \text { RESISTIUITY } \\ (\Omega \cdot \mathrm{m}) \end{gathered}$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| pI | 780.80 |  |
| p II | 12080 |  |
| $\rho$ 嗗 | 680800 |  |




STATION NO. 5

| $\begin{aligned} & \text { FFED } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 264.95 | 247. 69 |
| 1924 | 195,78 | 205.33 |
| 512 | 178. 71 | 173.18 |
| 256 | 130.91 | 14251 |
| 128 | 107. 32 | 118.27 |
| 64 | 108.83 | 114.61 |
| 32 | 176.93 | 135.49 |
| 16 | 299.55 | 179.63 |
| 8 | 510.38 | 243.98 |
| 4 | 759, 09 | 322.51 |

CSAFT LAYERED MDDEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ |
| :---: | :---: |
| 01 | 380.80 |
| O II | 160.80 |
| $\rho$ III | 890.80 |

STATION NO. 6
ppparent resistiuity

Freo ( Hz )

| (H2) | ( 2 |  |
| :---: | :---: | :---: |
| 3848 | 741.91 | 714.11 |
| 1024 | 987.69 | 606.95 |
| 512 | 587. 68 | 490.97 |
| 256 | 488.67 | 48084 |
| 128 | 447. 73 | 413.39 |
| 64 | 45080 | 517.90 |
| 32 | 77247 | 723. 19 |
| 16 | 1295. 54 | 1825. 14 |
| 8 | 1881. 12 | 1485.93 |
| 4 | 3467.81 | 1830. 64 |

Csfint Laycred model

|  | RESISTIUITY $(\Omega \cdot \mathrm{m})$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 900.80 |  |
| OII | 35060 |  |
| D III | 4889, 60 |  |





STATION HD. 9

| $\begin{aligned} & \text { FREO } \\ & \langle\mathrm{Hz}\rangle \end{aligned}$ | gPPPPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERED CALCULATED |  |
|  | < $\Omega$ |  |
| 2048 | 1298.61 | 132888 |
| 1024 | 1157.53 | 1058.89 |
| 512 | 841.69 | 816.75 |
| 255 | 81263 | 687.79 |
| 128 | 457.35 | 560.93 |
| 64 | 466.78 | 521.01 |
| 32 | 724. 87 | $6 \times 4.48$ |
| 16 | 1845.78 | 909.43 |
| 8 | 1543.43 | 125201 |
| 4 | 2479.99 | 1657.88 |

CSAFT LAGERED MONEL

|  | RESISTIUITY $\langle\Omega \cdot \mathrm{m}\rangle$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 158980 |  |
| $\rho$ III | 3600 |  |
| $\rho$ III | 4090800 |  |



station ma 11

APPARENT RESISTJUITY

| E0 | ORSERVED CALCURATED |  |
| :---: | :---: | :---: |
| ( Hz ) | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 780.31 | Tae 73 |
| 1824 | 359.88 | 541.14 |
| 512 | 494.63 | 405.19 |
| 256 | 29316 | 288.98 |
| 128 | 211.65 | 23.25 |
| 64 | 185.95 | 280.42 |
| 32 | 337.96 | 285. 47 |
| 16 | 661.52 | 414.38 |
| 8 | 1128. 41 | 61254 |
| 4 | 1840. 67 | 875.7 |

CSAMT LAMERED MODEL

|  | RESISTIUITY ( $\Omega \cdot m$ ) |
| :---: | :---: |
| $\rho 1$ | 88080 |
| $\rho \square$ | 150.60 |
| $\rho$ 石 | 3000.68 |



STATION NO. 12

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAFENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CPSERUEP CalCllated |  |
|  |  |  |
| 2048 | 28848 | 218889 |
| 1824 | 1968.34 | 193237 |
| 512 | 1778.85 | 163829 |
| 256 | 122350 | 1276. 21 |
| 128 | 957.69 | 1805.86 |
| 64 | 85265 | 957.80 |
| 32 | 1443. 56 | 1144.97 |
| 16 | 2624.44 | 1553.84 |
| 8 | 428921 | 2164.60 |
| 4 | 6853.23 | 2938.57 |

CSATT LAMERED MODEL

|  | RESISTIUITY $(\Omega \cdot \mathrm{m})$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho$ I | 2888.60 |  |
| $\rho$ II | 750. 68 |  |
| $\rho$ 涪 | 8688.88 |  |




STATION NO. 13

STATION NO. 1 A

|  | CPPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
| FREQ | ORSERED CALCULATED |  |
| (Hz) | $(\Omega \cdot \mathrm{m})$ |  |
| 2848 | 36.44 | 18.89 |
| 1824 | 12.39 | 11.33 |
| 512 | 6.64 | 6.99 |
| 256 | 3.41 | 4.34 |
| 128 | 2.58 | 2.83 |
| 64 | 1.73 | 2.13 |
| 38 | 1.85 | 2.18 |
| 16 | 2.93 | 2.62 |
| 8 | 4.46 | 3.37 |
| 4 | 6.34 | 4.32 |

caft layeged model

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ |
| :---: | :---: |
| 01 | 59.60 |
| pII | 1.60 |
| $\rho$ 目 | 18.60 |


| $\begin{gathered} \text { FREQ } \\ (\mathrm{Hz}) \end{gathered}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | coserued calduhated |  |
|  | ( $\Omega$. m ) |  |
| 2048 | 10.47 | 2.53 |
| 1024 | 4. 69 | 237 |
| 512 | 1. 99 | 2.18 |
| 256 | 1.96 | 1.87 |
| 128 | 1. 75 | 1.61 |
| 64 | . 46 | 1.39 |
| 32 | . 50 | 1. 64 |
| 16 | 3.31 | 2.59 |
| 8 | 7.68 | 4.36 |
| 4 | 15.60 | 7.73 |

COMT LAYERED MODEL
RESISTIUITY
( $\Omega \cdot \mathrm{m}$ )

| $\rho I$ | 250 |  |
| :--- | :--- | :--- |
| $\rho I I$ | 1.50 | 15.80 |
| $\rho$ II | 900 |  |

93.60



Station no 15

AEPRPENT RESISTIUITY
FREO
( Hz ) $\quad(\Omega \cdot \mathrm{m}\rangle$
$21.81 \quad 262$ $271.39 \quad 278$. $\begin{array}{ll}257.37 & 248.77 \\ 169.39 & 182.57\end{array}$ 119.57 144.58 $\begin{array}{ll}119.81 & 143.79 \\ 186.52 & 177.17\end{array}$ $251.65 \quad 239.98$ $\begin{array}{lr}317.58 & 326.68 \\ 495.52 & 428.61\end{array}$


CSFIT LATERED HODEL

|  | RESISTIUITY ( $\Omega \cdot \mathrm{m}$ ) | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| p I | 250.60 |  |
| $\rho$ Il | 50.60 |  |
|  | 160080 |  |

Staticn no. is

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OESERUED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 180.6 | 181,63 |
| 1924 | 198183 | 189.33 |
| 512 | 187.15 | 183.93 |
| 256 | 148,39 | 155,83 |
| 128 | 13882 | 134, 45 |
| 64 | 115.58 | 14286 |
| 32 | 184.30 | 179.72 |
| 16 | 386.18 | 245.85 |
| 8 | 448.42 | 333.21 |
| 4 | 574.15 | 435.72 |

CSMFI LAMERED MODEL
RESISTIUITY
$(\Omega \cdot m)$ DEPTH (m)

| g I | 180.68 |
| :---: | :---: |
| $\rho \square$ | 80. 80 |
| Ofll | 186080 |



STATION NO 17

| $\begin{aligned} & \text { FREE } \\ & (\mathrm{Hz}) \end{aligned}$ | APPPAENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CESERED CALCuthited |  |
|  | $(\Omega \cdot m)$ |  |
| 2048 | 3242.53 | 3659.13 |
| 1824 | 3829.85 | 3095. 75 |
| 512 | 3548.83 | 3288.34 |
| 256 | 259,54 | 268687 |
| 128 | 2ase 61 | 2471.19 |
| 64 | 2488.89 | 2901.34 |
| 32 | 4021.63 | 396. 15 |
| 16 | 5459.88 | 5482.28 |
| 8 | 6735.95 | 720808 |
| 4 | 8356.65 | 9418.19 |

CSAMT LAMERED MODEL

| $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: |
| 3590.60 |  |
| 1509.00 |  |
| 2000909 |  |

STATICN MD. 18

| APPARENT RESISTIUITY |  |
| :---: | :---: |
| Coserued calculated$(\Omega \cdot \mathrm{m})$ |  |
|  |  |
| 4628. 13 | 1180020 |
| 8939.29 | 10783.90 |
| 9016.26 | 8539.96 |
| 5723.57 | 6184, 48 |
| 4311.85 | 4998.56 |
| 4392.01 | 5311.61 |
| 7514.81 | 8881.70 |
| 13849.20 | 9510.72 |
| 2381260 | 13867.70 |
| 3481390 | 17199, 3 |

CSATT LAMERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: |
| 18980.80 |  |



STATION MO 19

GPPAPENT RESISTIUITY OESERUED OALCULATEU
$(\Omega \cdot m)$

| 1725.94 | 1872.53 |
| ---: | ---: |
| 1128.74 | 1345.22 |
| 882.57 | 906.84 |
| 618.79 | 696.12 |
| 397.36 | 696.81 |
| 778.69 | 848.94 |
| 1334.29 | 1142.62 |
| 1862.29 | 1541.85 |
| 2548.93 | 2904.16 |
| 3741.99 | 2478.54 |

CSOFT LATGRED MOIEL

|  | RESISTIUITY $(\Omega \cdot m)$ |
| :---: | :---: |
| $\rho \mathrm{I}$ | 289000 |
| $\rho \square$ | 300.60 |
| $\rho$ 嗗 | 4588.90 |



STATION NO 20

APPARENT RESISTIUITY OBEERED CALCIMATED

- CSMTI LAMERED MODEL

|  | RESISTIUI $(\Omega \cdot \mathrm{m})$ | $\begin{aligned} & \text { DEPTH } \\ & (\mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: |
| p1 | 1208080 |  |
| o II | 854.80 |  |
|  | 30800 |  |
| $\rho \mathrm{N}$ | 6888.80 |  |



STATION MO 21

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAFENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | COSERUED CALCOHATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 118.23 | 130. 83 |
| 1624 | 18575 | 123 79 |
| 512 | 175, 49 | 115,20 |
| 256 | 106 | 98. 39 |
| 128 | 72. 14 | 86.93 |
| 64 | 80.08 | 90.65 |
| 32 | 150.14 | 134.33 |
| 16 | 248.90 | 28683 |
| 8 | 375.12 | 318.58 |
| 4 | 68280 | 474.88 |

CSAFT LAYERED MOREL
resistiuity $(\Omega \cdot m)$

| D 1 | 130.80 |
| :---: | :---: |
| pII | 90.90 |
| $\rho$ 限 | 2900.89 |



STATION NO. 22

CPPPRENT RESISTIUITY FREO ( Hz ) $\quad(\Omega \cdot \mathrm{m}$ )

| 2848 | 804.44 | 846.01 |
| ---: | ---: | ---: |
| 1824 | 806.15 | 1044.35 |
| 512 | 1262.83 | 1366.36 |
| 256 | 1452.64 | 1383.56 |
| 128 | 1160.83 | 1197.89 |
| 64 | 826.31 | 1876.19 |
| 32 | 1596.72 | 1195.81 |
| 16 | 3923.44 | 1580.55 |
| 8 | 5942.12 | 283.11 |
| 4 | 9911.56 | 3692.17 |


|  | CSAMT LAMERE | Hodel |
| :---: | :---: | :---: |
|  | RESISTIUITY $(\Omega \cdot m)$ | DEPTH <br> (m) |
| - $\rho$ I | 738. 80 |  |
| $\rho$ II | 2898.88 |  |
|  |  | 1200.60 |
| - 1 | 503.80 |  |
| N | 18000 80 | 1880800 |



STATION NO 23

| PPPPREENT RESISTIUITY |  |
| :---: | :---: |
| OBSERED CALCULATED$(\Omega \cdot m)$ |  |
|  |  |
| 78984 | 723.49 |
| 762.53 | 801.63 |
| 837.75 | 895.63 |
| 1011.61 | 940.54 |
| 28890 | 938980 |
| 818.50 | 1839 |
| 156249 | 1341. 49 |
| 3227.18 | 1879.18 |
| 4549.68 | 2654.82 |
| 6277.32 | 3612 |

CSAMT LAMERED MODEL

| PESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \\|$ | T80.60 |



STATION NA. 24

APPAPENT RESISTIUTTY

| $\begin{aligned} & \mathrm{FREO} \\ & (\mathrm{~Hz}) \end{aligned}$ | APPAPENT PESISTIUTTY |  |
| :---: | :---: | :---: |
|  | Ceseried calculated |  |
|  | ( $\Omega$ |  |
| 2848 | 339.99 | 58812 |
| 1084 | 590.57 | 567.14 |
| 512 | 490.78 | 482.8 |
| 256 | 4592 | 428.80 |
| 128 | 33299 | 431.84 |
| 84 | 584.16 | 547.93 |
| 32 | 995.22 | 803.49 |
| 16 | 1541.81 | 1223.08 |
| 8 | 2183.65 | 1880.18 |
| 4 | 3296, 41 | 2575. 73 |

CSAMT LAGERED HMEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho I$ | 500.60 |




STATION NO 25

CPPPPRENT RESISTIUITY
FREQ CRSERUED COLCHATED
（ Hz ）（ $\Omega \cdot \mathrm{m}$ ）
－か か 念
479.68
366.90
499.20
639.64
599.29
657.68
1258.14
2241.26
3969.48
5328.62
$364 . \%$
425.73

587． 565
554． 40
604.62
747.65
1061.71 1581.65 2324.69 3264． 62

CSAMT LAMERED MODEL

|  | resistluity $\langle\Omega \cdot \mathrm{m}\rangle$ | DEPTH （m） |
| :---: | :---: | :---: |
| $\rho$ I | 359.68 |  |
| o II | 18008.80 |  |
| $\rho$ 開 | 1888988 |  |

STATION NO．2b

APPPRENT RESISTIUITY
（ $\Omega$ •m） 8848
1824.
512
256
128
64

CSAMT LAMERED MODEL．

|  | resistiulty $(\Omega \cdot m)$ | $\begin{gathered} \text { IEPIH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| pI | 258.60 |  |
| $\rho$ II | 550.68 |  |
|  | 3890.80 |  |





CSAFT LATERED MODEL
RESISTIUITY
$(\Omega \cdot \mathrm{m})$ DEPTH (m)

| 01 | 483808 | 15046 |
| :---: | :---: | :---: |
| oll | 580.60 |  |
| $\rho$ III | 288.180 |  |
| $\rho \mathrm{N}$ | 980.600 |  |

STATION NA. 28

PPPARENT RESISTIVITY
FREQ

| $(\mathrm{Hz})$ | $(\Omega \cdot \mathrm{m})$ |  |
| ---: | ---: | ---: |
| 2848 | 146.63 | 149.73 |
| 1824 | 184.67 | 178.83 |
| 512 | 228.42 | 211.39 |
| 256 | 248.49 | 232.89 |
| 128 | 234.64 | 244.48 |
| 64 | 295.13 | 275.98 |
| 32 | 365.17 | 343.81 |
| 16 | 626.69 | 449.85 |
| 8 | 832.24 | 587.17 |
| 4 | 1183.68 | 740.16 |

CSPATI LOMERED MODEL

|  | Resistivity $\langle\Omega \circ \mathrm{m}\rangle$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| D1 | 120.80 |  |
| p 1 | 354.80 |  |
| $\rho$ II | 1580.80 |  |




STATION NO. 29

APPPRENT RESISTIUITY
FREE
( $\mathrm{H}_{2}$ )
2848
1904 1024

512 | 512 |
| :--- |
| 256 |
| 126 |会

( $\Omega \cdot \mathrm{m}$ )

| 35.80 | 34.84 |
| ---: | ---: |
| 39.99 | 38.97 |
| 41.60 | 42.25 |
| 35.87 | 39.63 |
| 27.69 | 36.58 |
| 39.38 | 39.86 |
| 65.62 | 51.23 |
| 99.48 | 79.53 |
| 147.31 | 96.67 |
| 249.85 | 127.30 |

CSAMT LAMERED MODEL

|  | RESISTIUITY $\langle\Omega \cdot \mathrm{m}\rangle$ |
| :---: | :---: |
| $\rho I$ | 30.80 |
| ¢ II | 58.80 |
| $\rho$ III | 8986 |
| $\rho \mathrm{N}$ | 360.80 |

STATION NO. 30

| $\begin{aligned} & \text { FPEO } \\ & (\mathrm{Hz}) \end{aligned}$ | fPpartent resistiulty |  |
| :---: | :---: | :---: |
|  | OBSERUED | Culated |
|  | ( $\Omega$. m) |  |
| 2848 | 939.41 | 95286 |
| 1204 | 1245.75 | 1174.66 |
| 512 | 1581.57 | 1397.25 |
| 256 | 1607.36 | 148875 |
| 128 | 1179.50 | 1618.50 |
| 64 | 1455. 94 | 2824.18 |
| 32 | 2784, 39 | 2887.98 |
| 16 | 5875.84 | 423365 |
| 8 | 818927 | 6128.56 |
| 4 | 1476260 | 8476. 84 |

CSAMT LAMERED MODEL

|  | RESISTIUITY <br> $\langle\Omega \cdot \mathrm{m}\rangle$ | DEPTH <br> $(\mathrm{m}\rangle$ |
| :---: | :---: | :---: |
| $\rho \mathrm{l}$ | 750.80 |  |




STATION NO. 31

APPARENT RESISTIUITY

| FREO | OBSERYED CALCALATED$\langle\Omega \cdot m\rangle$ |  |
| :---: | :---: | :---: |
| ( Hz ) |  |  |
| 2048 | 283 | 20\% 85 |
| 11204 | 224.62 | 22261 |
| 512 | 241.88 | 229.87 |
| 258 | 165. 13 | 226.19 |
| 128 | 13627 | 244.88 |
| 64 | 283.69 | 368. 42 |
| 32 | 456.72 | 418.74 |
| 16 | 647. 27 | 578. 48 |
| 8 | 8908 | 774.88 |
| 4 | 1392. 01 | 986. 87 |

CSATT LAMERED MODEL

|  | RESISTJUITY $(\Omega \cdot m)$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 28969 |  |
| $\rho 11$ | 390.68 |  |
| $\rho$ 囫 | 2000080 |  |

STATICN NA 32

APPARENT RESISTIUITY
FREO CESERTED CALCLI
$\begin{array}{lll}2848 & 151.88 & 161 .\end{array}$ 1804
512
256 용 64
32
16

| 162.98 | 185.78 |
| :---: | :---: |
| 284.62 | 198.57 |
| 183.78 | 181.60 |
| 137.62 | 172.53 |
| 194.11 | 193.71 |
| 325.60 | 257.57 |
| 514.25 | 351.98 |
| 816.53 | 582.69 |

CSATI LAMERED MODEL.

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot m) \end{aligned}$ | DEPIH (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 140.68 |  |
| ¢ II | 258.60 |  |
| $\rho$ 回 | 180.68 |  |
| $\rho \mathrm{N}$ | 1688.80 |  |



| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAPEENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED GALCULATED |  |
|  | （ $\Omega \cdot \mathrm{m}$ ） |  |
| 2848 | 484． 12 | 53287 |
| 1084 | 619.15 | 68284 |
| 512 | 719. | 688.32 |
| 256 | 648.44 | 617．89 |
| 128 | 504． 74 | 653.17 |
| 64 | 88886 | 884.76 |
| 32 | 1556.78 | 1143.38 |
| 16 | 2256.70 | 1621.50 |
| 8 | 3159． 24 | 2830.47 |
| 4 | 5087.58 | 2916.36 |

CSAPTT LAMERED MODEL

|  | resistivity （ $\Omega \cdot \mathrm{m}$ ） | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $p 1$ | 560000 |  |
| $\rho I I$ | 90000 |  |
| $\rho ⿴ 囗 十$ | 480． 130 |  |
| $\rho N$ | 6588.60 |  |

STATION NO 34

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPFRENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CESERED | cuhated |
|  | $(\Omega \cdot \mathrm{m})$ |  |
| 2848 | 638． 42 | 65985 |
| 1824 | 567.56 | 621：68 |
| 512 | 53221 | 518． 14 |
| 256 | 458.33 | 437． 68 |
| 128 | 397.20 | 45888 |
| 64 | 615.83 | 568.88 |
| 32 | 973， 88 | 79a 21 |
| 16 | 138383 | 1198． 48 |
| 8 | 1957.43 | 1588． 35 |
| 4 | 3356． 68 | 1927， 51 |

CSAFT LOMERED MOREL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH <br> （m） |
| :---: | :---: | :---: |
| $\rho$ I | 630.60 |  |
| －II | 330.69 |  |
| ¢ 17 | 4080.60 |  |



STATION MO. 35

APPREENT RESISTIUITY FREQ OBSERUED CPICULATED
( $\mathrm{Hz}_{2}$ ) ( $\Omega \cdot \mathrm{m}$ )

- $\boldsymbol{\sim}$

| 51.24 | 44.66 |
| ---: | ---: |
| 31.66 | 31.93 |
| 24.77 | 24.58 |
| 24.57 | 19.73 |
| 18.46 | 19.12 |
| 24.25 | 22.85 |
| 36.11 | 34.53 |
| 51.31 | 41.56 |
| 69.69 | 54.93 |
| 183.45 | 69.21 |

CSAMT LAYERED MODEL

|  | Resistivity $(\Omega \cdot m)$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 75. 80 |  |
| $\rho$ II | 15.88 |  |
| p 相 $^{\text {I }}$ | 13508 |  |



STATICN NA SE

APPARENT RESISTIUITY

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OESERUED | aflculated |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 118087 | 1199.78 |
| 1824 | 1590 | 1695.78 |
| 512 | 2826.37 | 197232 |
| 256 | 233261 | 2449.87 |
| 128 | 3698.27 | 3345.96 |
| 64 | 5135.86 | 4871.48 |
| 32 | 859174 | 7123.80 |
| 18 | 13820.80 | 1806288 |
| 8 | 17841.38 | 13484.39 |
| 4 | 26487. 30 | 17655.48 |

CSAMT LAMERD MODEL

| $\begin{gathered} \text { RESISIIUITY } \\ (\Omega \cdot \mathrm{m}) \end{gathered}$ | IEPTH (m) |
| :---: | :---: |
| 6680 |  |
| 588980 |  |
|  | 20036 |
| 33880.80 |  |



STATICN NO. 37

|  | APPPPENT RESISTIUITY |  |
| :---: | :---: | :---: |
| FREQ | OESERUD OALCULATED |  |
| $(\mathrm{Hz})$ | $(\Omega \cdot \mathrm{m})$ |  |
| 2848 | 82.65 | 57.82 |
| 1824 | 45.53 | 51.55 |
| 512 | 39.35 | 42.74 |
| 256 | 38.88 | 36.82 |
| 128 | 43.37 | 39.61 |
| 64 | 59.45 | 59.89 |
| 32 | 88.77 | 78.69 |
| 16 | 119.42 | 117.64 |
| 8 | 167.81 | 169.57 |
| 4 | 235.75 | 231.16 |

GaMt LAMERED MODEL

|  | resistivity $(\Omega \cdot \mathrm{m})$ | DEPIH (m) |
| :---: | :---: | :---: |
| p I | 65.00 |  |
| $\rho \square$ | 35.60 |  |
| $\rho$ 風 | 680.80 |  |



STATION NO. 38
mpperent resistiulty

FREQ
( Hz ) 2848 1024
512 512
256 128 64
32

| $(\Omega \cdot m)$ |  |
| :---: | :---: |
| 36.49 | 38.96 |
| 53.26 | 53.33 |
| 70. 38 | 7382 |
| 96.87 | 104. 31 |
| 15896 | 152.29 |
| 24977 | 224.27 |
| 380804 | 321.87 |
| 519.13 | 440.38 |
| 677.45 | 569.37 |
| 583,39 | 66.15 |

CSAFT LATERED MODEL

|  | resistivity <br> $(\Omega \cdot \mathrm{m})$ | $\begin{aligned} & \text { DEPTH } \\ & (\mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 35.60 |  |
| p II | 359.80 |  |
| $\rho$ 共 | 1280.00 |  |



STATION NO 39

PPPARENT RESISIIUITY
FREO DBSERED CALCLIATED
$\begin{array}{ll}\text { FREQ OBSERUED CALC } \\ (\mathrm{Hz}) & (\Omega \cdot \mathrm{m})\end{array}$

| $2 H 2$ | 118.94 | 121.88 |
| ---: | ---: | ---: |
| 2048 | 98.47 | 161.14 |
| 1824 | 79.38 |  |
| 512 | 79.13 | 79.38 |
| 256 | 70.59 | 73.38 |
| 128 | 91.62 | 86.85 |
| 64 | 129.24 | 119.82 |
| 32 | 190.69 | 172.54 |
| 16 | 239.27 | 242.77 |
| 8 | 34.18 | 325.23 |
| 4 | 448.47 | 411.67 |

CSAMT LAMERED MODEL.

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 120.60 |



STATION MO. AI

| APPARENT RESISTIUITY |  |
| :---: | :---: |
| OBSERUED OALCULATED$(\Omega \cdot m)$ |  |
|  |  |
| 615.21 | 6829 |
| 767.89 | 694.90 |
| 686.58 | 679.19 |
| 608. 24 | 556, 59 |
| 483.56 | 569.51 |
| 736.43 | 781. 30 |
| 153884 | 1007. 47 |
| 2820.49 | 156, 32 |
| 4907.28 | 2213.18 |
| 7984. 55 | 3887, 67 |

CSAMT LAMERED MOMEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \mathrm{\rho I}$ | 550.80 |


STATION MO 42
APPARENT RESISTIUITY FREO CBSERED CALCHLATED
$(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$
CSAMT LAMERED MODEL
RESISTIUITY DEPTH
( $\Omega \cdot \mathrm{m}$ )

| O I | 600.60 |
| :---: | :---: |
| $\rho$ II | 1880. 60 |
| $\rho$ 目 | 400.80 |
| $\rho \mathrm{N}$ | 8680.60 |



STATION NO. 44
APPPPENT RESISTIUITY

| E0 | ORSERED CALCULATED |  |
| :---: | :---: | :---: |
| ( Hz ) | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2948 | 151. 10 | 160.76 |
| 1824 | 238.24 | 224.86 |
| 512 | 315. 75 | 383 |
| 258 | 295.26 | 36855 |
| 128 | 299.52 | 480.35 |
| 64 | 626.39 | 499.16 |
| 39 | 1344.51 | 71064 |
| 16 | 2519.35 | 1895. 14 |
| 8 | 4488888 | 1696.75 |
| 4 | 8323 56 | 2537, 65 |

CSPHI LASERED MODEL

| . | resistivity ( $\Omega \cdot \mathrm{m}$ ) | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 180.00 |  |
| $\rho$ II | 890.18 |  |
| of1 | 118800 |  |


STRTION NO. 45
APPARENT RESISTIUITY

| $\begin{aligned} & \text { FRE日 } \\ & (\mathrm{Hz}) \end{aligned}$ | APPPRENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCNLATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 146, 11 | 163.39 |
| 1624 | 216.34 | 197.39 |
| 512 | 221.57 | 214. 18 |
| 256 | 181.68 | 24296 |
| 128 | 386.63 | 325.71 |
| 64 | 694.37 | 4828 |
| 32 | 1166.53 | 758.83 |
| 16 | 1858.25 | 1145.07 |
| 8 | 2757.41 | 1645.38 |
| 4 | 4464. 56 | 2224. 47 |

CSAMTI LAYERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ DEPTH <br> $(\mathrm{m})$ <br> $\rho \mathrm{I}$ 180.80 | 40.80 |
| :---: | :---: | :---: |
| $\rho$ II | 480.80 |


STATION NO - 46

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED | alculated |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 182256 | 1923.16 |
| 1824 | 206065 | 1882.93 |
| 512 | $19 \times 34$ | 28006 |
| 256 | 1543. 76 | 2636.58 |
| 128 | 3521.78 | 4083314 |
| 64 | 7440.83 | 6449.88 |
| 32 | 13731.78 | 18159.10 |
| 16 | 21581. 60 | 15259.80 |
| 8 | 33978.28 | 216808 |
| 4 | 56658. 58 | 28657.80 |

CSATI LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{aligned} & \text { IEPTH } \\ & (\mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: |
| $\rho$ I | 18080 |  |
| $\rho$ II | 3960.60 |  |
| $\rho$ 国 | 65800060 |  |


station Ma. 47

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | ORSERED CALCULATED |  |
|  | ( $\Omega, m$ ) |  |
| 2848 | 211088 | 2847.69 |
| 1804 | 1988. 91 | 1753.58 |
| 512 | 175982 | 1879.21 |
| 256 | 1583.88 | 2628.13 |
| 128 | 4367.188 | 419915 |
| 64 | \$256. 29 | 6888.13 |
| 32 | 1841310 | 11819.18 |
| 18 | 24858 | 16772.60 |
| 8 | 35084, 40 | 23900.10 |
| 4 | 65839 | 3210939 |

CSATI LOMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 2250.80 |  |
| D II | 1500.60 |  |
|  | 75880869 |  |



STATION NO 48

| $\begin{aligned} & \text { fREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERTED | Cluted |
|  | ( $\Omega$ |  |
| 2348 | 218.73 | 181,65 |
| 1824 | 155.39 | 127.43 |
| 512 | 94. 60 | 90.54 |
| 256 | 37. 60 | 71. 25 |
| 128 | 40 23 | 68.8 |
| 64 | 69. 49 | 71.81 |
| 3 | 91.62 | 82.72 |
| 16 | 99.28 | 97.98 |
| 8 | 118.63 | 11395 |
| 4 | 165.51 | 128.77 |

CAFTI LAMEFED MOLEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| p1 | 260.00 |  |
| $\rho$ II | 35.80 |  |
| $\rho$ If | 110.00 |  |
| $\rho N$ | 180.80 |  |





STATION NO. 51

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CBSERUED CHLOKATED |  |
|  | ( $\Omega \cdot m$ ) |  |
| 2848 | 59.83 | 54.98 |
| 1224 | 44. 11 | 11. 84 |
| 512 | 31.96 | 31.78 |
| 256 | 15. 10 | 25. 76 |
| 128 | 18.78 | 24.75 |
| 64 | 31.44 | 28.88 |
| 32 | 38.71 | 37.48 |
| 16 | 38.1 | 49.90 |
| 8 | 6218 | 64.76 |
| 4 | 13432 | 80.48 |

CAFTT LAMERED MODEL

|  | $\begin{aligned} & \text { Resistiuity } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| p1 | 6880 |  |
| g II | 1260 |  |
| $\rho$ 困 | 30.60 |  |
| $p \mathrm{~N}$ | 158.80 |  |




Station no. 53
fPPARENT PESISTIUITY
FREO
$\langle\mathrm{Hz}$ 〉 ( $\Omega \cdot \mathrm{m}$ )
$\begin{array}{cc}2848 & (\Omega \cdot m) \\ 274.63\end{array}$
1024
512
256
128
256
128
64 513.2 623.11611 .76 $705.82 \quad 7802$ $\begin{array}{ll}523.85 & 733 \\ 496.43 & 783 .\end{array}$ 875.33953 1542.06
2441.47 3897.23 683.20
 2439.18 3172.05

CSAMT LAMERED hODEL

|  | RESISIIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTM <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho I$ | 400.80 |  |

STATION NO 54

MPPAPENT RESISTIUITY OBSERED COLLCLLATED FREO
$\left(\mathrm{H}_{2}\right)$
( Hz ) ( $\Omega \cdot \mathrm{m}$ )
416.81 587.45
469.68
382.59
253.86
273.75
360.95
512.67
721.25
972.92
1242.13

CSAMT LAMERED MOIEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 500.60 |  |
| $\rho \mathrm{II}$ | 150.00 | 280.000 |
| $\rho$ 目 | 2500.60 | 450.60 |



STATION NA 55

COMOD CALCIUT
FREO
( Hz )
048 18248 1624
$\quad 512$
12 225.84 256
128 64
32

### 271.37

446.79
$\begin{array}{rr}687.21 \\ 1830.38 & 1016.81\end{array}$
$1977.68 \quad 1417.83$

CSOHT LAMERED MODEL.

|  | $\begin{aligned} & \text { ESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho$ I | 280.88 |  |
| D II | 180.60 |  |
| $\rho 71$ | 489880 |  |






STRTION NO. 59
fPPARENT RESISTIUITY FREE DBSERUED CALCUHATED
Fred
$(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$

| $(\mathrm{Hz})$ | $(\Omega \cdot \mathrm{m})$ |  |
| ---: | :---: | :---: |
| 2848 | 292.14 | 189.10 |
| 1824 | 144.80 | 155.75 |
| 512 | 125.72 | 122.59 |
| 256 | 185.39 | 180.96 |
| 128 | 169.75 | 187.47 |
| 64 | 161.23 | 148.42 |
| 32 | 266.94 | 231.79 |
| 16 | 405.83 | 368.94 |
| 8 | 571.81 | 56998 |
| 4 | 816.88 | 834.27 |

CSMT LAMERED MODEL

|  | pesistivity <br> ( $\Omega \cdot \mathrm{m}$ ) |
| :---: | :---: |
| $\rho$ I | 28080 |
| $\rho]$ | 90.60 |





STATION NO 61

| APPPRENT RESISTIUITY |  |
| :---: | :---: |
| obsemved calculated$(\Omega \cdot m)$ |  |
|  |  |
| 53.86 | 61, 88 |
| 35.37 | 51.40 |
| 3434 | 34. 28 |
| 28.94 | 28.65 |
| 9.89 | 11. 73 |
| 4. 39 | 6.65 |
| 1. 57 | 4.25 |
| . 56 | 3.59 |
| 7.61 | 4. 19 |
| 42. 23 | 5.92 |

CSAMT LAMERED MDREL


STATION ND. 62

APPARENT RESISTIUITY
$(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$
2848 267. 81 299.30 1024 512
256
128
.84
24

| 128.74 | 98.85 |
| ---: | ---: |
| 115.29 | 127.94 |
| 177.55 | 182.45 |
| 376.4 | 269 |

376. 42.260 .20

CSATT LAMERED MODEL

|  | RESISTIUITY $(\Omega \cdot m)$ | $\begin{gathered} \mathrm{DEPTH} \\ (\mathrm{~m}) \end{gathered}$ |
| :---: | :---: | :---: |
| 01 | 23080 |  |
| ค II | 370. 68 |  |
| $\rho$ 田 | 59.60 |  |
| $\rho \mathrm{N}$ | 160000 |  |



STATION MO $\because 3$

|  | APPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
| FREQ | OBSERUED CALCUHATED |  |
| $(H z)$ | $(\Omega \cdot \mathrm{m})$ |  |
| 2248 | 435.95 | 423.31 |
| 1824 | 358.72 | 381 |
| 512 | 340.29 | 290.95 |
| 256 | 246.28 | 255.16 |
| 128 | 233.58 | 271.19 |
| 64 | 344.11 | 335.86 |
| 32 | 528.70 | 440.52 |
| 16 | 715.19 | 572.90 |
| 8 | 957.57 | 717.25 |
| 4 | 1331.31 | 857.80 |

CSAFI LAMERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho I$ | 450.69 |


 -192-

STATION NO. 65

APPAPENT RESISTIUITY
FPRE ( Hz ) ( $\Omega \cdot \mathrm{m}$ )
$\begin{array}{ccc}2048 & 509.73 & 588,99 \\ 1004 & 395.46 & 373.32\end{array}$ 1824 512
256
128 128 64
32 $\infty$ か $\begin{array}{ll}270.48 & 245 . \\ 141.54 & \end{array}$
$64.45 \quad 34.0$
$33.43 \quad 62$
$\begin{array}{ll}22.17 & 50.6 \\ 27.17 & 52.7\end{array}$
74. 60 64. 26 82. 27

CSAMT LOMEPED MODEL

|  | RESISTIUITY ( $\Omega \cdot \mathrm{m}$ ) | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| p 1 | 598.08 |  |
| ค III | 278. 60 |  |
| $\rho$ III | 20.80 |  |
| $\rho \mathrm{N}$ | 28000 |  |

Station na 66

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | obserued cailahated |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 346, 64 | 391.14 |
| 1824 | 312. 25 | 354, 56 |
| 512 | 284. 18 | 203.56 |
| 258 | 200.44 | 173.10 |
| $1 \gtrless 8$ | 92.38 | 185.49 |
| 64 | 35.82 | 67.55 |
| 32 | 25. 71 | 53.79 |
| 16 | 46. 59 | 57.74 |
| 8 | 158.88 | 76. 24 |
| 4 | 478. 24 | 187.88 |

CSFATT LATEEA MDREL

|  | RESISTIUITY $(\Omega \cdot m)$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 350.88 |  |
| -II | 368.80 |  |
| $\rho \mathrm{II}$ | 28.68 |  |
| $\rho \mathrm{N}$ | 500.60 |  |




STAYION Na 67

APPARENT RESISTIUITY FREQ
( Hz ) CBSERUED CALCURATED

| $(\Omega \cdot \mathrm{m})$ |  |
| ---: | ---: |
| 82.88 | 87.28 |
| 73.68 | 89.16 |
| 79.96 | 78.99 |
| 58.29 | 54.88 |
| 22.91 | 34.83 |
| 8.12 | 25.54 |
| 9.19 | 25.39 |
| 34.58 | 32.98 |
| 125.65 | 48.17 |
| 317.66 | 71.12 |

csamt lavered model

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 85.00 |  |

STATION Na 68

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2948 | 25425 | 250.97 |
| 1024 | 216. 48 | 206. 61 |
| 512 | 175.63 | 160.85 |
| 256 | 116. 88 | 121.31 |
| 128 | 84.47 | 184.40 |
| 64 | 9227 | 198. 17 |
| 32 | 12284 | 128.71 |
| 16 | 161.01 | 16884 |
| 8 | 216. 63 | 199.13 |
| 4 | 349,85 | 238,35 |

CSAPT LAMERED MODEL
$\left.\begin{array}{lll} & \begin{array}{c}\text { RESISTIUITY } \\ (\Omega \cdot \mathrm{m})\end{array} & \begin{array}{c}\text { DEPTH } \\ (\mathrm{m})\end{array} \\ \hline \rho I & 260.80\end{array}\right]$



STATION ND 71

| $\begin{gathered} \text { FREO } \\ (\mathrm{Hz}) \end{gathered}$ | APPARENT RESISTIUTTY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCULATED |  |
|  | $(\Omega, m)$ |  |
| 2948 | 2115.89 | 2854.40 |
| 1824 | 142029 | $14^{\prime} 6.84$ |
| 512 | 917. 68 | 1198.51 |
| 256 | 1257.43 | 1286.39 |
| 128 | 1913.06 | 1775. 67 |
| 64 | 2935.82 | 2788.33 |
| 32 | 460x \% | 4154.38 |
| 16 | 682234 | 6125.67 |
| 8 | 1094380 | $85 \times 6.82$ |
| 4 | 17615.88 | 11145, 28 |

comt laterad model.

|  | resistivity <br> $(\Omega \cdot \mathrm{m})$ |
| :---: | :---: |
| $\rho \mathrm{I}$ | 2580.88 |
| $\rho$ II | 78080 |
| $\rho$ 疄 | 24880000 |




SIATION NO. 73

| $\begin{gathered} \text { FPEO } \\ (\mathrm{Hz}) \end{gathered}$ | APPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | ceservid calculated |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 219.61 | 22318 |
| 1824 | 21267 | 21980 |
| 512 | 188.13 | 20 8 |
| 256 | 19.52 | 150.95 |
| 128 | 159.85 | 181.86 |
| 64 | 64. 16 | 161.91 |
| 32 | 9.83 | 157. 19 |
| 16 | 84. 76 | 186. 12 |
| 9 | 536.32 | 254. 48 |
| 4 | 1540. 83 | 36\%. 78 |

CSAMT LAMERED MODEL




STATION NO. 75
ropprant resistiuly
FPEQ OBSERUED CMLCUHATED
$\mathrm{CHz}^{2}$ ( $\Omega \cdot \mathrm{m}$ )

| 2048 | 437.44 | 385.91 |
| ---: | ---: | ---: |
| 1624 | 95.27 | 522.91 |
| 512 | 473.23 | 838.94 |
| 256 | 1216.40 | 1404.66 |
| 128 | 2238.28 | 2380.14 |
| 64 | 3573.94 | 3520.70 |
| 32 | 5391.33 | 5377.68 |
| 16 | 7455.16 | 7452.24 |
| 8 | 9814.29 | 9662.91 |
| 4 | 14852.20 | 11795.50 |

CSAFT LAMERED MODEL



STATION NO. 76

| GPPARENT RESISTIUITY |  |
| :---: | :---: |
| CBSERIED CALCHAATED$(\Omega \cdot \mathrm{m})$ |  |
| 740.98 | 559.89 |
| 424.62 | 74983 |
| 1058.57 | 1296. 94 |
| 2151: 17 | 2233.51 |
| 368 | 4967.22 |
| 6988.49 | 7263 19 |
| 14686. 89 | 12521.60 |
| 31681.60 | 285575.40 |
| 68931.10 | 3186880 |
| 154992.60 | 46166 |

CSATT LMERED HOLEL

| RESISTIUITY $(\Omega \cdot m)$ | DEPTH (m) |
| :---: | :---: |
| sea 80 |  |
| - | 125, 80 |
| 354.60 |  |
|  | 230.60 |
| 158809 . 68 |  |



STAYION NO. 77

| APPPARENT RESISTIUITY |  |  |
| :---: | :---: | :---: |
| FREA | CBSERUED | CALCLLATED |
| ( Hz ) | $(\Omega$ | - m) |
| 2048 | 1806. 29 | 1126.48 |
| 18.4 | 1028. 58 | 1933.59 |
| 512 | 4111.31 | 3538.10 |
| 256 | 8254, 23 | 7037.51 |
| 128 | 14948. 45 | 1361280 |
| 64 | 24988. 70 | 25939.7 |
| 32 | 4288989 | 48023.20 |
| 16 | 71991.40 | 883888.60 |
| 8 | 127283 0 | 154283, 80 |
| 4 | 245027.80 | 250585.90 |

CSFMT LRMERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho I$ | 20800 | 200.00 |

STATION NO. 78



STATION NO TO

| APPAPENT RESISTIUITY |  |
| :---: | :---: |
| OBSERVED CALCULATED |  |
| ( $\Omega$ |  |
| 116.88 | 152.81 |
| 124.31 | 184.44 |
| 58.61 | 59.28 |
| 感 85 | \$3.65 |
| 6. 18 | 23. 16 |
| 1.24 | 23.48 |
| 28.58 | 34.31 |
| 136.99 | 59.57 |
| 440.79 | 188.05 |
| 1144. 48 | 194.63 |

CSAMT LAMERED HODEL

|  | RESISTIUITY $(\Omega \cdot m)$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 13980 |  |
| p II | 1.80 | : |
| ¢ I | 580080 |  |



STATION NO. 8

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSEAED | Chlcilated |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 538272 | 7299.75 |
| 1824 | 4644.80 | 11559 |
| 512 | 17459.40 | 28233.68 |
| 256 | 3953.6 | 3022010 |
| 128 | T2¢84.68 | 63737.88 |
| 64 | 128427.08 | 187816.60 |
| 32 | 212811. 90 | 172738.60 |
| 16 | 376073.88 | 259350.60 |
| 8 | 725321.80 | 303879. 88 |
| 4 | 1.3806E+65 | 47434 |

csamt lamered rorel.

|  | RESISTIUITY ( $\Omega \cdot \mathrm{m}$ ) | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| p I | 688080 |  |
| ค II | 1E+8 |  |



STATION Na 81

| $\begin{aligned} & \text { FREQ } \\ & \langle\mathrm{Hz}\rangle \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CBSERUED | alculated |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 73957 | 768.80 |
| 1824 | 405. 09 | 1814.84 |
| 512 | 1662.92 | 1641.80 |
| 256 | 377317 | 2917.60 |
| 128 | 6902.35 | 5295.78 |
| 64 | 11355.60 | 9456. 68 |
| 32 | 20197.80 | 16278.73 |
| 16 | 38792.30 | 26626.59 |
| 8 | 77429.60 | 40924.60 |
| 4 | 17135800 | 58597.30 |

CSAMT LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ |
| :---: | :---: |
| $\rho$ J | 800.68 |
| $\rho$ II | 188680800 |

STAIION NO. 82

APPARENT RESISTIUITY OBSERUEI CALCULATED
FRE日
$(\mathrm{Hz})$
2848
1284
512
256
128
64
32
16
8
4

| $(\Omega \cdot \mathrm{m})$ |  |
| :--- | :--- |
| 298.13 | 397.26 |
| 327.18 | 358.46 |
| 440.22 | 357 |
| 378.21 | 382.19 |
| 273.50 | 475.37 |
| 569.42 | 645.95 |
| 889.89 | 889.25 |
| 1202.27 | 1183.39 |
| 1715.96 | 1591.31 |
| 2783.18 | 1889.66 |

CSAFII LAMERED MODEL

|  | PESISTIUITY ( $\Omega \cdot \mathrm{m}$ ) | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho$ I | 254.98 |  |
| p II | 558.88 |  |
| $\rho$ 且 | 228.80 |  |
| $\rho \mathrm{N}$ | 3600.80 |  |



STATION NO $8 S$

| apprpent Resistulit |  |
| :---: | :---: |
| CESERVED CALCULATED$(\Omega \cdot m)$ |  |
|  |  |
| 15042 | 182.45 |
| 21243 | 20065 |
| 308.60 | 286.57 |
| 498.16 | 363. 43 |
| 357.87 | 455.76 |
| 517, 23 | 699.71 |
| 93235 | 856.53 |
| 1588.35 | 12038 65 |
| 2373.45 | 1634.44 |
| 3555.67 | 2118.42 |

CSAMT LSMERED MODEL

|  | kesistivity $(\Omega \cdot \mathrm{m})$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho 1$ | -130.80 |  |
| ol | 160088 |  |
| $\rho$ 团 | 4580.60 |  |



(m)
89.80 1380.100





STATICN NO. 88


CSCMT LATERED MDEL

| RESISTIUITY $(\Omega \cdot \mathrm{m})$ | DEPTH (m) |
| :---: | :---: |
| 959.80 |  |
|  | 180.80 |
| 5880, 80 |  |
|  | 3880808 |
| 2058980 |  |



STATION NO.

| $\begin{aligned} & \text { FREQ } \\ & \text { (Hz) } \end{aligned}$ | PPPAREENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OSSERED CALOULATED |  |
|  | $(\Omega \cdot \mathrm{m})$ |  |
| 2948 | 864.73 | 1699.01 |
| 1824 | 1179. 83 | 1105.51 |
| 512 | 128261 | 1128.98 |
| 258 | 1161.32 | 1894.15 |
| 128 | 90. 81 | 942.54 |
| 64 | 796.47 | 867.73 |
| 32 | 1258.48 | 1621.00 |
| 16 | 1671.82 | 1465. 64 |
| 8 | 2221.39 | 2265.81 |
| 4 | 429923 | 3485, 66 |

CSMT LAYERED MDDEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho 1$ | 1160.80 |






STATION NA 91

| APPAPENT PESISTIUITY |  |
| :---: | :---: |
| CESERED CALCULATED$(\Omega \cdot m)$ |  |
|  |  |
| 5995.51 | 60080 |
| 7013. 94 | 7144.24 |
| 8088. 71 | 7878 |
| 7305.85 | 7361.21 |
| 6753.58 | 6892.57 |
| 5659 | 5642.53 |
| 6159186 | 6826.39 |
| 7833.55 | 7192.52 |
| 1623389 | 8874. 38 |
| 104593 | 187 |

CSAMT LAYERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho!$ | 5888.60 |  |
| $\rho$ II | 18880. 80 |  |
| $\rho$ 風 | 35838 |  |
| $\rho \mathrm{N}$ | 28980.60 |  |

STAHION NA. SO

APPARENT RESISTIUITY
FREO
( Hz )
2848
1824
512

| 131.78 | 27219 |
| :---: | :---: |
| 238.25 | 2726 |
| 232.64 | 237.86 |
| 188. 45 | 183.34 |
| 141.32 | 129.86 |
| 181.60 | 97.82 |
| 91.84 | 91.36 |
| 184.21 | 105. 91 |
| 14364 | 137.13 |
| 259.91 | 1886 |

CAFIT LAMEXED MOREL

|  | $\begin{aligned} & \text { ESISTIUITY } \\ & \langle\Omega \cdot m\rangle \end{aligned}$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 258. 88 |  |
| $\rho$ II | 59. 80 |  |
| $\rho$ In | 580.68 |  |






STATION NO. 95
appacent resistivity
frea
$(\mathrm{Hz})$
SERXED CLLCHLA
$(\Omega \cdot \mathrm{m})$
$2048 \quad 77283$ 512 256 128
64 B

## 222

261. 
262. 

4438
$\begin{array}{ll}539.49 & 419.96\end{array}$

CSCHT LAYERED MODEL
RESISTIUITY
( $\Omega \cdot \mathrm{m}$ )

| $\rho I$ | 800.80 |  |
| :--- | :--- | :--- |
| $\rho I$ | 580.80 | 150.30 |
| $\rho I$ | 180.80 | 330.60 |
| $\rho \mathrm{~N}$ | 680.80 |  |

STATION AO. ©

RPPARENT RESISTIUITY FEE OPCPED CPICUATE
$\begin{array}{ll}(\mathrm{Hz}) & (\Omega \cdot \mathrm{m})\end{array}$
2848 376.73 581.69
$1824 \quad 513.25 \quad 577.93$
512 342.62 373.56
$256 \quad 239.88 \quad 237$.
$\begin{array}{ccc}128 & 167.55 & 166.75 \\ 64 & 148.50 & 149.38\end{array}$
32
16
8
156.
252.
354.
52.19
354.56
538.49
172.
219
269 269.39
374.52

CSATT LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| 01 | 58980 |  |
| ค II | 40. 80 |  |
| 口 葍 | 88808 |  |



STATION NA. 97

APPARENT RESISTIUITY
FREO observed calculated ( $\Omega \cdot m$ ) ( Hz )

| 2048 | \% 49 |  |
| :---: | :---: | :---: |
| 1624 | 5331.50 | 5483. 22 |
| 512 | 4316. 85 | 4234.54 |
| 256 | 2671.23 | 2843.19 |
| 128 | 180311 | 1834.74 |
| 64 | 1233. 12 | 135066 |
| 32 | 1268. 6 | 1293.88 |
| 16 | 1647. 88 | 1553.38 |
| 8 | 2318.21 | 2006.55 |
| 4 | 4417.37 | ET72. 2 |

coarit layered model

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| ol | 5800800 |  |
| $\rho \square]$ | 560.00 |  |
| ○ 目 | 808080 |  |



STATION NO. $\$$

APphrat Resistiult

$$
\begin{gathered}
C B S E R E D \text { CHLC } \\
(\Omega . m)
\end{gathered}
$$

| 1056. 73 | 1237. 96 |
| :---: | :---: |
| 1188.17 | 11205 |
| 964.89 | 1831. 47 |
| 801.55 | 957.62 |
| 942.45 | 982.73 |
| 1803.8 | 952.53 |
| 546.34 | 826.89 |
| 279.87 | 670.70 |
| 436.87 | 540.26 |
| 1835. 21 | $44 \% 35$ |

CSPMT LAMEXED MRTEL

|  | RESISTJUITY ( $\Omega \cdot \mathrm{m}$ ) | $\underset{(\mathrm{m})}{\mathrm{DEPIR}}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 1398.88 |  |
| $\rho$ II | 750.80 |  |
| o 1 II | 128080 |  |
| $\rho \mathrm{N}$ | 250. 80 |  |


station na 99
APPARENT RESISTIUITY
FREQ OBEBRED CALCALATED $(\Omega \cdot m)$
( Hz 2848
1824

| 418.01 | 681.26 |
| ---: | ---: |
| 858.27 | 751.13 |
| 994.81 | 999.65 |
| 1192.20 | 1374.40 |
| 1533.22 | 1976.30 |
| 2468.23 | 2753.63 |
| 4225.33 | 3643.91 |
| 5185.71 | 4557,98 |
| 4538.12 | 5411.05 |

CSAMT LAYERED MOJEL

|  | $\begin{aligned} & \text { RESISIIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DCPTH <br> (m) |
| :---: | :---: | :---: |
| 01 | 45960 |  |
| $\rho \llbracket$ | 168080 |  |
| $\rho 1$ | 588080 |  |
| $\rho \mathrm{N}$ | 850080 |  |


STATION NO 180

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERED | ClLIED |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 1554. 83 | 21246 |
| 1824 | 2082 16 | 2385. 78 |
| 512 | 2688.75 | 1982.49 |
| 256 | 1481.65 | 1457.89 |
| 128 | 1125.38 | 114242 |
| 64 | 918,91 | 1846. 84 |
| 32 | 111544 | 116236 |
| 18 | 1586. 52 | 1441. 12 |
| 8 | 23446 | 1831.77 |
| 4 | 3577 | 2CTV. 4 |

CSATI LAMEREO MODEL

|  | RESISTIUITY $(\Omega \cdot \mathrm{m})$ |
| :---: | :---: |
| $\rho \mathrm{I}$ | 1880.80 |
| $\rho$ II | 3380.80 |
| OTII | 780.60 |
| $\rho \mathrm{N}$ | 4588.80 |



STATION NO. 101

> APPARENT RESISTIUITY
> $(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$

FREQ
$(\mathrm{Hz})$ 2848
1024
512
512
256 256
128

CSAMT LAYERED MODEL
RESISTIUITY
$(\Omega \cdot m)$




STATICN NA 163

| $\begin{aligned} & \text { FREQ } \\ & \left(\mathrm{H}_{2}\right) \end{aligned}$ | GPPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCIHATED |  |
|  | ( $\Omega$ |  |
| 2848 | 72.74 | 187.13 |
| 1824 | 132.48 | 131.32 |
| 512 | 15555 | 180.40 |
| 256 | 119.61 | 257. 40 |
| 128 | 311.16 | 36468 |
| 64 | 51a. 46 | 49880 |
| 39 | 735.48 | 611.79 |
| 16 | 913.84 | '335. 96 |
| 8 | 98872 | 843.51 |
| 4 | 93834 | 9389 |

CSAST LAMERED MODEL

|  | RESISTIUITY <br> ( $\Omega \cdot \mathrm{m}$ ) |
| :---: | :---: |
| p1 | 79. 60 |
| pII | 180.80 |
| $\rho$ 栜 | 18980 |
| $\rho N$ | 128888 |




STATION NO. 18

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT PESISTIUITY |  |
| :---: | :---: | :---: |
|  | CESERED CALCUIATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 1427. 44 | 216874 |
| 1824 | 1695.61 | 1464.89 |
| 512 | 971.70 | 986.61 |
| 256 | 59889 | 08021 |
| 128 | 448.77 | 476. 16 |
| 64 | 348, 36 | 342.91 |
| 32 | 317.81 | 36e 91 |
| 16 | 3 38 | 34886 |
| 8 | 658.95 | 474. 11 |
| 4 | 1088.23 | 675.87 |

csemit layered model
resistiuty
( $\Omega \cdot \mathrm{m}$ )


STATION Ma 186

APPAPENT RESISTIUITY
FREQ
( Hz )
2348 ( $\Omega \cdot \mathrm{m}$ )
$114.97^{288.43}$
185.24190 .65
159.96 166.4
$\begin{array}{ll}139.49 & 140.10 \\ 120.56 & 116.73\end{array}$
106.23160 .48
$18918 \quad 111.73$
$\begin{array}{ll}123.29 & 129.84 \\ 181.33 & 153.54\end{array}$
278 12189.55

CSAMT LIMERED MODEL

RESISTIUITY
$(\Omega \cdot m)$

| $\rho 1$ | 200.68 |
| :---: | :---: |
| OII | 85, 80 |
| $\rho$ 回 | 360.68 |



STATION MO 107

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | appheent resistivity |  |
| :---: | :---: | :---: |
|  | COSERYED CPHCULATED |  |
|  | ( $\Omega \cdot m$ ) |  |
| 2848 | 17344 | 176.82 |
| 1824 | 233.40 | 244.75 |
| 512 | 366.38 | 377.37 |
| 256 | 450.40 | 453. 29 |
| 128 | 57\% 65 | 560.87 |
| 64 | 651.53 | 635.78 |
| 32 | 817. 69 | 676. 11 |
| 16 | 969.19 | 693.92 |
| 8 | 941.18 | 762 44 |
| 4 | 71852 | 782.23 |

CSAFTI LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTJUTY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho 1$ | -15800 |  |
| $\rho \square$ | 1100.80 |  |
| $\rho$. | 7808 |  |



STATION NO 108

APPAPGIT RESISTIUITY FREO CBSERVED CALClHATED
( $\Omega \cdot \mathrm{m}$ )

| 177.62 | 352.40 |
| :--- | ---: |
| 305.75 | 326.33 |
| 265.35 | 296.87 |
| 282.76 | 261.49 |
| 239.48 | 282.91 |
| 222.57 | 22287 |
| 232.67 | 247.78 |
| 291.91 | 380.51 |
| 421.19 | 370.74 |
| 707.41 | 447.75 |

CSATT LAMERED MODEL

|  | RESISTIUITY $(\Omega \cdot \mathrm{m})$ |
| :---: | :---: |
| 01 | 354.80 |
| p II | 20080 |
| $\rho$ 䍖 | 868 |



STATION ND. 169

APPARENT RESISTIUITY
FREQ OBSERED CALCULATED
( Hz ) $(\Omega \cdot m)$
2048
1004

| 523.76 | 844.17 |
| :--- | ---: |
| 1954.86 | 1074.16 |
| 1495.29 | 1458.82 |
| 1738.76 | 1904.75 |
| 2288.74 | 2517.38 |
| 2695.10 | 3954.48 |
| 3511.48 | 3522.15 |
| 4233.08 | 3901.58 |
| 5046.83 | 4195.66 |
| 5515.73 | 4417.80 |

CSMT LAMERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \mathrm{l}$ | 850.00 |  |





STATION MO. 112

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT FESISTIUITY |  |
| :---: | :---: | :---: |
|  | CBSERUED CHLCLHATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 91.80 | 176.47 |
| 1824 | 194. 18 | 20936 |
| 512 | 381.96 | 244.18 |
| 258 | 327.36 | 294.20 |
| 128 | 387.17 | 30.15 |
| 64 | 487.96 | 445. 38 |
| 32 | 467.84 | 531.22 |
| 16 | 543.91 | 611.7 |
| 8 | 716. 33 | 681.69 |
| 4 | 854.64 | 737. 33 |

CSAMT LAMERED MOMEL

|  | RESISTIUITY $(\Omega \cdot m)$ | $\begin{gathered} \text { IEPN } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 90. 0 |  |
| ¢ Il | 40.80 |  |
| D 17 | 380.60 |  |
| $\rho \mathrm{N}$ | 908.60 |  |




STATION MO 114

APPPRENT RESISTIUITY
FREE DESERED CALOHLATE
( Hz ) $\quad(\Omega \cdot \mathrm{m})$


| 27.40 | 26.56 |
| :---: | :---: |
| 20.96 | 20.01 |
| 14.97 | 13.30 |
| 8.61 | 8.96 |
| 5.12 | 6.31 |
| 4.42 | 4.78 |
| 4.16 | 3.91 |
| 3.43 | 3.27 |
| 2.79 | 276 |
| 4.42 | 2.21 |

CSAFT LAMERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot m)$ | DEPTM ( m ) |
| :---: | :---: | :---: |
| 01 | 30.80 |  |
| - II | 260 |  |
| a閏 | 1.60 |  |



STATION Na 115

GPPARENT RESISTIUITY

## FREO

 CESERED CALCULATEI(Hz > ( $\Omega, \mathrm{m}$ )

| 148.26 | 167.0 |
| :---: | :---: |
| 112.33 | 125.08 |
| 93.21 | 82.16 |
| 68.67 | 5288 |
| 32.1 | 3369 |
| 19.85 | 2 c 86 |
| 1287 | 16.43 |
| 16. 13 | 1267 |
| 8.45 | 1934 |
| 7. 46 | 8.88 |

CSAMT LAMERED HOREL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | IEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 180.80 |  |
| ¢ 1 | 99.80 |  |
| $\rho$ 罭 | 6. 80 |  |


statich ina 116

| PPPAFEET RESISTIUITY |  |
| :---: | :---: |
| OBSERVED CALCLHATED |  |
| ( $\Omega$ |  |
| 115485 | 1275. 31 |
| 1382. 59 | 1873.97 |
| 888.45 | 878.42 |
| 598.14 | 68263 |
| 535.69 | 566.51 |
| 568.72 | 558.29 |
| 626.14 | 629.85 |
| 628.48 | 759.88 |
| 88\% 03 | 91312 |
| 1845, 71 | 1883.74 |

CSAFT LAMERED MODEL

$\rho$ 青 180680


STATION MO. 117

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CBSERUED CALCUILSTED |  |
|  | ( $\Omega \cdot m$ ) |  |
| 2848 | 821.90 | 616.80 |
| 1604 | 815.84 | 738.22 |
| 512 | 484. 79 | 1025.42 |
| 256 | 11618 | 1532.96 |
| 128 | 2224.85 | 2298.67 |
| 64 | 3350.75 | 33808 |
| \$2 | 4744.86 | 4541.89 |
| 16 | 576245 | 5848.25 |
| 8 | 6813.88 | 7112.60 |
| 4 | 7785 | 8930.80 |

CSAMT LAYERED HODEL
Resistivity
( $\Omega \cdot \mathrm{m}$ )

| $\rho 1$ | 680.80 | 150.80 |
| :---: | :---: | :---: |
| $\rho \mathrm{II}$ | 1500.60 |  |
| \% ${ }^{\text {m }}$ | 12988.83 |  |



STATION ND. 118

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 575.40 | 565. 40 |
| 1824 | 50986 | 430.24 |
| 512 | 285.78 | 354.59 |
| 256 | 359.72 | 305.81 |
| 128 | 454.70 | 457. 82 |
| 64 | 584,40 | 621.84 |
| 32 | 797.07 | 841.85 |
| 16 | 1036. 41 | 1898.24 |
| 8 | 1498.11 | 1362.46 |
| 4 | 224872 | 1689. 15 |

CSATI LAMERED MODEL

|  | RESISTIUITY ( $\Omega \cdot \mathrm{m}$ ) | DEPTH (m) |
| :---: | :---: | :---: |
| pI | 659.60 |  |
| $\rho$ II | 220.00 |  |
|  | 2590, 80 |  |


station na 119

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT PESISTIUIT |  |
| :---: | :---: | :---: |
|  | OBSERTED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 9828 | 891. 67 |
| 1824 | 736. 13 | 624.87 |
| 512 | 382.52 | 424.35 |
| 256 | 257.85 | 27884 |
| 128 | 163.85 | 18360 |
| 64 | 96.31 | 144.68 |
| 32 | 121.82 | 155.61 |
| 18 | 231.37 | 213.34 |
| 8 | 915.33 | 321. 63 |
| 4 | 2173.54 | 485. 53 |

GSMT LAMERED MODEL




STATION MO. 121

| APPARENT RESISTIUITY |  |
| :---: | :---: |
| OBSERTED CALCILATED |  |
| ( $\Omega$ |  |
| 196289 | 22763 |
| 2875.71 | 1846.14 |
| 1385. 85 | 139231 |
| 73068 | 842.31 |
| 47219 | 518.58 |
| 335.14 | 358.59 |
| 314.43 | 337.55 |
| 455.82 | 439.53 |
| 1041.83 | 677.82 |
| 2386.86 | 1888. 72 |

CSAMT LAYERED MODEL

|  | RESISTIUITY $(\Omega \cdot \mathrm{m})$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| 01 | 2800.80 |  |
| pll | 158.880 |  |
| $\rho$ III | 1800080 |  |

STATION NO. 122



STATION MO 123

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISIIUIT |  |
| :---: | :---: | :---: |
|  | CBSERED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 417.83 | 427.46 |
| 1824 | 413.13 | 43928 |
| 512 | 311.82 | 471.44 |
| 256 | 517.59 | 49381 |
| 188 | 606.57 | 504.43 |
| 64 | 818.73 | 747. 68 |
| 32 | 1845.58 | 1186.81 |
| 16 | 1505.84 | 1671. 11 |
| 8 | 244232 | 2455.92 |
| 4 | 4588.35 | 342838 |

CSATT LOMERED MODEL

|  | RESISTIUITY <br> ( $\Omega \cdot \mathrm{m}$ ) | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho$ I | 459.08 |  |
| O] | 18898 |  |
| $\rho$ 因 | 18880.88 |  |



STATION H2. 124
appraent resistluity FREO ( Hz ) 2848

| 2824 | 959.65 | 986.97 |
| ---: | ---: | ---: |
| 512 | 1835.67 | 1339.64 |
| 256 | 2338.41 | 2091.55 |
| 128 | 3438.93 | 3312.76 |
| 64 | 4350.87 | 5689.18 |
| 32 | 5869.38 | 7342.01 |
| 16 | 8454.43 | 9879.60 |
| 8 | 13599.48 | 12727.90 |
| 4 | 23429.60 | 15329.39 |

CSATT LAMERED MOREL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| 01 | 750.00 |  |
| PII | t28a 68 |  |
| D 7 II | 25880.80 | 459.80 |



STATION NO 125

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OPSERUED | ALCuLATED |
|  | $(\Omega, m)$ |  |
| 2848 | 1328.95 | 101231 |
| 1824 | 1233.35 | 141943 |
| 512 | 1677. 50 | 2329.58 |
| 256 | 4636.35 | 4848.38 |
| 128 | 7881.80 | 7808. ${ }^{19}$ |
| 64 | 1695200 | 11718.40 |
| $\mathfrak{3}$ | 1828s. 69 | 18545. 60 |
| 16 | $3358 \% .70$ | 2752260 |
| 8 | 78298.60 | 38486.38 |
| 4 | 148532.69 | 49238.60 |

CSFFIT LAYERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho I$ | 1800.90 |  |
| $\rho[1$ | 180800.80 |  |

STATION NA 126

APPARENT RESISTIUITY observed caldulated ( $\Omega \cdot \mathrm{m}$ )
$17 \pi 024 \quad 1561.9$
$1513.35 \quad 1989.45$
$2648.13 \quad 2359.9$
$5822.16 \quad 5306.97$
$11155.90 \quad 16849.49$
$17734.90 \quad 19197$.
31824.6036242 .4
53434.3 3 60826.8
$112149.09 \quad 119134.60$
240174.00 283178.60

Csfit LATERED MDDEL

| $\begin{aligned} & \text { RESISIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: |
| 1700.60 |  |
| 28+66 | 180 |



STATION Na 127

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | GPPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED | AlCuldeled |
|  |  |  |
| 2848 | 467.34 | 95\% 88 |
| 1204 | 286.45 | 1114.92 |
| 512 | 1841. 78 | 1895 |
| 258 | 403261 | 3177.28 |
| 128 | 7529.68 | 5015.33 |
| 64 | 18557.60 | 7552. 17 |
| 32 | 14493 | 10023.90 |
| 16 | 15769.10 | 13953.18 |
| 8 | 18011.68 | 17888 |
| 4 | 26176.90 | 20126.10 |

CSATI LAMERED HODEL

|  | RESISTIUITY $\langle\Omega \cdot \mathrm{m}\rangle$ |
| :---: | :---: |
| $\rho 1$ | 58000 |
| pII | 3680980 |



STATION MA 188

| $\begin{aligned} & \text { FRE日 } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUEI | ALCLHATED |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 555.79 | 53278 |
| 1804 | 535.33 | 785.85 |
| 512 | 1888. 29 | 1343.26 |
| 256 | 2741.40 | 2417. 24 |
| 128 | sent 21 | 4360.93 |
| 64 | 8264. 51 | 7571.88 |
| 32 | 14539. 16 | 12613.90 |
| 16 | 23985.40 | 19816.60 |
| 8 | 46849.40 | 2810540 |
| 4 | 83479.78 | 39837.80 |

CSATI LHTERED MOXEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & \langle\Omega: \mathrm{m}\rangle \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho$ I | 580.18 |  |
| $\rho$ II | 188880.80 |  |



STATION NO 129

APPARERT PESISTIUITY
( Hz ) ( $\Omega \cdot \mathrm{m}$
2848
1804
1624
512

| z | $(\Omega \cdot m)$ |  |
| :---: | :---: | :---: |
| 848 | 1833. 97 | 2872 |
| 024 | 1843 \% 6 | 343687 |
| 512 | 4953,50 | 6139.58 |
| 256 | 13136.20 | 11 17a 30 |
| 128 | 22576.70 | 1950\% 70 |
| 64 | 35168.68 | 32965.60 |
| 32 | 54793:59 | 5 cince 1.60 |
| 16 | 8130960 | 78935.80 |
| 8 | 14527969 | 118280.00 |
| 4 | 36803268 | 1435886 |


| (2) | , |  |
| :---: | :---: | :---: |
| 2848 | 1838.97 | 28728 |
| 1924 | 1843 ¢6 | 343687 |
| 512 | 4953,56 | 6139.58 |
| 256 | 13136.20 | 1187030 |
| 128 | 28576.70 | 1350\%. 70 |
| 64 | 35168.68 | 32965.60 |
| 32 | 54793:58 |  |
| 16 | 8138980 | 76935.80 |
| 8 | 14527969 | 118280.00 |
| 4 | 36088260 | 143588.60 |

128 25576.70 15506.70

$$
\begin{aligned}
& 64 \\
& 32
\end{aligned}
$$8 observed calculated

CSMMT LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 1560.60 |  |
| $\rho$ II | 398080.60 |  |




STATION ND 13

APPARENT RESISTIUITY OBSERUED CPLCLHATED $(\Omega \cdot m)$
$\begin{array}{ll}2008.81 & 5444.25 \\ 4166.14 & 9879.81\end{array}$
$13844.90 \quad 17935.80$
$\begin{array}{ll}33569.90 . & 31721.80 \\ 58869.90 & 53763.60\end{array}$
8714360
$\begin{array}{ll}129784.60 & 12949960 \\ 207457.60 & 181326160\end{array}$
322741.180236939 .100
48332200298879.00

CSAMT LAMERED MODEL

| $\begin{gathered} \text { RESISTUUITY } \\ (\Omega \cdot \mathrm{m}) \end{gathered}$ | $\begin{gathered} \text { DEPIH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: |
| 2980.100 |  |
|  | 290.60 |
| 5xacos 80 |  |

STATION NO. 132

|  | GPPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
| FREQ | OBSERUED CALCULATED |  |
| $(\mathrm{Hz})$ | $(\Omega \Omega \cdot \mathrm{m})$ |  |
| 2348 | 47.49 | 53.88 |
| 1824 | 58.99 | 65.44 |
| 512 | 84.82 | 89.87 |
| 256 | 87.41 | 96.47 |
| 128 | 99.39 | 99.42 |
| 64 | 86.29 | 91.78 |
| 32 | 82.78 | 89.59 |
| 16 | 92.41 | 99.17 |
| 8 | 138.47 | 118.96 |
| 4 | 173.15 | 145.16 |

CSATI LAFERED MOREL

|  | pesistiuty <br> ( $\Omega \cdot m$ ) | $\begin{aligned} & \text { DBTH } \\ & (\mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 45.08 |  |
| $\rho \square$ | 140.60 |  |
| $\rho$ 团 | 68.60 |  |
| oN | 380.68 |  |






STATION MO 137

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OBSERUED CALCULATEO |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 447.55 | 513,32 |
| 1824 | 538.19 | 582.65 |
| 512 | 518, 51 | 575:13 |
| 256 | 487. 86 | 466.12 |
| 123 | 325.71 | 321.31 |
| 64 | 210.47 | 217. 75 |
| 32 | 160.25 | 173.53 |
| 16 | 181.58 | 176.27 |
| 8 | 272.49 | 213.34 |
| 4 | 296, 73 | 275. 88 |

CSAMT LAMERED MODEL.

|  | RESISTIUITY <br> ( $\Omega \cdot \mathrm{m}$ ) |
| :---: | :---: |
| $\rho I$ | 4596 |
| $\rho$ II | 680.86 |
| $\rho$ 国 | 73. 80 |
| $\rho \mathrm{N}$ | 880.80 |


APPARENT RESISTIUITY coserved malculated $(\Omega \cdot \mathrm{m})$

| 1768.47 | 1725.63 |
| :---: | :---: |
| 1563.18 | 2823.83 |
| 3697.68 | 2814.82 |
| 4889.66 | 3425.45 |
| 431265 | 399284 |
| 4644, 56 | 4478.93 |
| 4747. 16 | 4871.82 |
| 6063.55 | 5174.73 |
| 7797. 62 | 548284 |

CSAFTL LAMERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | LEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho 1$ | 1386.68 |  |





STATION MO. 141
apparent resistluity

FREQ ( Hz ) 2848 1204
512 512
256 258
$1 \times 8$ $(\Omega \cdot \mathrm{m})$

| - 14 |  |
| :---: | :---: |
| \% 14 | 98827 |
| 854.58 | 1075.80 |
| 1312. 13 | 1117.54 |
| 1293.30 | 1221.37 |
| 1327.98 | 1459. 24 |
| 1662.61 | 1829.39 |
| 2125.57 | 2289.97 |
| 2522.28 | 2783.107 |
| 2974. 44 | 3254.21 |
| 3483. 62 | 3666.61 |

CSAMT LAYERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{gathered} \text { EEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| p I | 408.60 |  |
| ¢ II | 1590. 50 |  |
| DIII | 1109, ${ }^{\text {c }}$ |  |
| $\rho N$ | 5890.90 | 1050. 60 |




STATION NO 143
spparient resistivity FREQ
$(\mathrm{Hz})$
2848
1024
512
256
128
64
30
16
8
4 CBSERUED CALCAKATED

CMATT LAMERED MODEL

|  | esistivity $\langle\Omega \cdot m\rangle$ | DEPIH (m) |
| :---: | :---: | :---: |
| $\rho 】$ | 18800 |  |
| $\rho$ II | 339.60 |  |
| $\rho$ 且 | 248.60 | 's. |
| ¢N | 458.88 |  |

STRTION MD. 144

APPARENT RESISTIUITY coserved chlclilated
 1624 512
256
597.14
566.36
52015
522.15
$478.8 e$
487.24
620.43
661.84
73934 451.49
493.89
541.55
562.87
552.46
543.71
559,97
599.77
633.95
672.25

CSATt LATERED MOEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 480.80 |



| $\begin{gathered} \text { FREQ } \\ (\mathrm{Hz}) \end{gathered}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | ceserved calculated |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 864.89 | 921.57 |
| 1224 | 1258. 68 | 12868 |
| 512 | 2252.69 | 1814.02 |
| 256 | 2579.22 | 2386, 80 |
| 128 | 2359.29 | 2176.53 |
| 64 | 19372 | 1847. 79 |
| 32 | 1733.85 | 1711.36 |
| 16 | 1797.23 | 1894.90 |
| 8 | 218801 | 2361.11 |
| 4 | 3851.32 | 3835.61 |

CSMTT LAMERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 890.00 |


STATION NO. 146
SPPPRENT RESISTJUITY CBSERUED CALCULATED
( Hz ) $\quad(\Omega \cdot \mathrm{m}$ )

| 2848 | 317.98 | 447.94 |
| ---: | ---: | ---: |
| 1824 | 591.85 | 598.96 |
| 512 | 63.28 | 732.27 |
| 256 | 768.58 | 755.47 |
| 128 | 782.65 | 649.06 |
| 64 | 544.81 | 549.42 |
| 32 | 568.23 | 539.49 |
| 16 | 571.48 | 587.13 |
| 8 | 788.38 | 694.62 |

CSMft lamered manel.

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | LEPTH <br> (m) |
| :--- | :--- | :--- |
| $\rho 1$ | 380.60 |  |




STATION MO. 147


CSMMT LAMERED MMEL

|  | RESISTIUITY $(\Omega \cdot m)$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 290.60 |  |
| OII | 1808.60 |  |
| $\rho$ III | 150.90 |  |
| $\rho \mathrm{V}$ | 1880.60 |  |

STATION MC 148

TPPFRENT RESISTIUITY COSERUED CALCULATED ( $\Omega \cdot \mathrm{m}$ )

| 285.77 | 288.52 |
| ---: | ---: |
| 426.49 | 355.50 |
| 499.68 | 489.22 |
| 595.33 | 694.03 |
| 1051.81 | 1015.21 |
| 1487.76 | 1462.98 |
| 1951.53 | 1958.72 |
| 2581.62 | 2499.85 |
| 333.72 | 3910.88 |
| 3782.80 | 3471.19 |

CSAFT LAMERED MODEL



STATION NO. 149

| $\begin{aligned} & \text { FREO } \\ & (\mathrm{Hz}) \end{aligned}$ | APPYRENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | cosekued calculated |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 374.68 | 4547 |
| 1804 | 681.17 | 685.94 |
| 512 | 773.89 | 1893.03 |
| 258 | 1467.79 | 1711.97 |
| 128 | 2771.91 | 255278 |
| 64 | 381.94 | 357273 |
| 32 | 521271 | 4678. 86 |
| 16 | 5817.14 | 5759.96 |
| 8 | 7181.81 | 6728.40 |
| 4 | 8122.61 | 7537.98 |

csamt lavered mobel.
RESISTIULTY DEPTH ( $\Omega \cdot \mathrm{m}$ ) (m)

| $\rho \mathrm{I}$ | 354.30 |
| :---: | :---: |
| p II | 1030. 000 |



STATION NO 158

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | PPPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | OESERUED CALCALATED |  |
|  |  |  |
| 2848 | 824.38 | 1681.25 |
| 1824 | 1397.95 | 12420 |
| 512 | 175282 | 142262 |
| 258 | 1739.97 | 1835 |
| 128 | 2726. 21 | 2661.68 |
| 84 | 3003.34 | 4051, 86 |
| 32 | 5568.50 | 6889.32 |
| 16 | 7759.61 | 8754.83 |
| 8 | 1198638 | 11873.99 |
| 4 | 28852.78 | 15150 60 |

CSAMT LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| ol | 88980 |  |
| $\rho 1]$ | 3600.00 |  |
| $\rho \underline{\square}$ | 3966080 |  |



STATION NQ 151

APPARENT RESISTIUITY

FRE:
FREQ
( Hz )
( Hz )

CSAFIT LOMERED HDNEL

|  | resistivity $(\Omega \cdot m)$ | DEPTH (m) |
| :---: | :---: | :---: |
| pI | 58980 |  |
| $\rho 1$ | A5020 08 |  |
| $\rho$ | 1590208 |  |




STATION NO. 153

APPARENT RESISTIUITY
FRGQ ORSEMED CMINLLATED
$\left(H_{z}\right) \quad(\Omega \cdot m)$

| 2048 | 91.47 | 97.29 |
| ---: | ---: | ---: |
| 1624 | 86.40 | 128.51 |
| 512 | 57.66 | 198.69 |
| 256 | 345.39 | 325.67 |
| 128 | 645.58 | 526.53 |
| 64 | 968.39 | 815.82 |
| 32 | 1345.50 | 1189.74 |
| 16 | 1612.01 | 1618.46 |
| 8 | 2841.99 | 2002.62 |
| 4 | 2667.67 | 2479.32 |

CSAFI LAMERED MODEL

|  | RESISTIUITY <br> ( $\Omega \cdot \mathrm{m}$ ) | $\begin{aligned} & \text { DEPTH } \\ & (\mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 180.88 |  |
| $\rho$ II | 400080 |  |



STATION NO. 154

PPPARENT RESISTIUITY OBSERUED CALCALATED $(\Omega \cdot \mathrm{m})$
fREO
( Hz )
2848
182
512
256
128
128
64
32
16
8
16
8
4
196151.60 158818.60

CSAMT LAMERED MODEL

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & \langle\Omega \cdot \mathrm{m}\rangle \end{aligned}$ | $\begin{gathered} \text { IEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 76080 |  |
| ¢ II | 40988000 | 150. 60 |



STATION NO 155

|  | CPPRPENT RESISTIUITY |  |
| :---: | :---: | :---: |
| FREQ | CESERYED | CALCXIATED |
| ( Hz ) | ( $\Omega \cdot m$ ) |  |
| 2848 | 3058980 | 3194, 88 |
| 1824 | 2 cog 13 | 4779.11 |
| 512 | 9051. 6 ? | 8447.73 |
| 258 | 28394.50 | 15996. 78 |
| 128 | 35761.30 | 38786 |
| 64 | 635\% 29 | 58881.80 |
| 32 | 117286.80 | 118489.80 |
| 16 | 212375.60 | 291757.69 |
| 8 | 423402.80 | 354966.60 |
| 4 | 783784 60 | 59537980 |

CSAMT LAMEPED MODEL

|  | RESISTIUITY ( $\Omega \cdot \mathrm{m}$ ) | IEPTH (m) |
| :---: | :---: | :---: |
| $\rho 1$ | 3900.80 |  |
| $\rho$ [l] | 5E+66 |  |

STATION MA 156



STATION NO. 157

| $\begin{aligned} & \mathrm{FPEO} \\ & (\mathrm{~Hz}) \end{aligned}$ | APPAPENT PESISTIUITY |  |
| :---: | :---: | :---: |
|  | CBSERED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 424. 59 | 618.70 |
| 1604 | 215.43 | 1202. 27 |
| 512 | 1306.81 | 1599.66 |
| 250 | 2834.17 | 2344. 18 |
| 128 | 4500.31 | 328363 |
| 64 | 6015.84 | 4893.85 |
| 32 | 689887 | 493088 |
| 16 | 6788.90 | 5657.70 |
| 8 | 654375 | 0251.52 |
| 4 | 888 | 6715.68 |

CSAFT LATERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: | :---: |
| $\rho I$ | 100.00 |  |


station nal 158

PPPARENT RESISTIUITY
FREE CESERED CALCALATED $(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$

| 2848 | 261.88 | 490.94 |
| ---: | ---: | ---: |
| 1824 | 177.62 | 847.95 |
| 512 | 949.84 | 1486.84 |
| 256 | 2808.48 | 2282.81 |
| 128 | 3456.27 | 3288.71 |
| 64 | 4969.35 | 4411.59 |
| 38 | 6149.77 | 5635.73 |
| 16 | 7998.90 | 6785.93 |
| 8 | 9017.94 | 7784.23 |
| 4 | 11809.70 | 8508.64 |

CSAMT LAYERED MODEL

|  | $\begin{aligned} & \text { RESISIIUITY } \\ & \langle\Omega \cdot \mathrm{m}\rangle \end{aligned}$ |
| :---: | :---: |
| $\rho$ I | 180.80 |
| $\rho$ II | 11800800 |



| APPAFANT RESISTIUITY |  |
| :---: | :---: |
| coserved chlallated$(\Omega \cdot m)$ |  |
|  |  |
| 2885.73 | 2997.85 |
| 1588.58 | 5188.65 |
| 18777.80 | 9725.14 |
| 25627.10 | 18515. 60 |
| 46520.78 | 34556.10 |
| 7207260 | 64547.90 |
| 188840.88 | 115335. 60 |
| 176858, 60 | 197281. 00 |
| 38718200 | 319538180 |
| 532545.90 | 485418. 68 |

CSEMT LAMERED HOEL
RESISTIUITY

$(\Omega \cdot \mathrm{m})$$\quad$| DEPIH |
| :---: |
| $\rho \mathrm{m})$ |




STATION NO. 161

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | CBSERED | calchated |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 227301 | 2543.42 |
| 1824 | 1977.68 | 4699.74 |
| 512 | 8844: 14 | 8760.51 |
| 256 | 19451.80 | 16127. 88 |
| 128 | 34693 | 28800 |
| 64 | 5408250 | $49 C 13.90$ |
| 32 | 8175089 | 79838.90 |
| 16 | 138060 | 121330.80 |
| 8 | 251578. 89 | 171952. 68 |
| 4 | 487737.80 | 2278850 |

CSAFT LAMERED MOREL

|  | RESISTIVITY $(\Omega \cdot m)$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| 0 I | 1880 38 |  |
| $\rho \square$ | 560888 |  |





STATION NO, 163

APPARENT RESISTIUITY CESERUED CALCUKATED

## ( $\mathrm{Hz}_{2}$ )

 28481824
1824
512
512
256
258
128

## 64 30

| $(\Omega \cdot \mathrm{m})$ |  |
| :--- | :--- |
| 51.10 | 50.86 |
| 42.90 | 42.58 |
| 30.23 | 31.55 |
| 21.67 | 23.66 |
| 16.13 | 19.81 |
| 21.29 | 21.18 |
| 29.73 | 27.68 |
| 37.66 | 39.24 |
| 53.14 | 5.49 |
| 34 | 75.31 |

CSFIT LAYERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | LEPTH <br> $(\mathrm{m})$ |  |
| :---: | :---: | :---: |
| $\rho I$ | 60.60 | 50.80 |
| $\rho$ II | 15.00 | 200.60 |

. STATION NO. 184

APPARENT RESISTIUITY
FREQ OESERUED CALCN
$(\mathrm{Hz})$
$\begin{array}{lll}\text { (Hz) } & \text { ( } \Omega \cdot \mathrm{m} \text { ) } \\ 2848 & 348.64\end{array}$
1024 569.67 579.57
51
256
128
64
32
16

## 2

## 8.

4383.72
6517.46
$517.46 \quad 4621.76$

CSAMT LAMERED MAKEL.

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho$ I | 480.80 |  |
| DII | 100080 |  |
| - I | 18060.60 |  |



STATION NO. 165

APPARENT RESISTIUITY
FREO Coserved calculated ( Hz ) ( $\Omega \cdot m$ )

| 2848 | 64.24 | 67.56 |
| ---: | ---: | ---: |
| 1824 | 72.86 | 76.10 |
| 512 | 77.63 | 79.87 |
| 256 | 89.76 | 91.85 |
| 128 | 129.68 | 126.90 |
| 64 | 221.47 | 195.38 |
| 32 | 360.65 | 399.35 |
| 16 | 526.01 | 475.47 |
| 8 | 741.39 | 694.43 |
| 4 | 1273.94 | 953.26 |

CSAMT LAMERED MOREL

|  | resistiulty $(\Omega \cdot \mathrm{m}\rangle$ | DEPTH (m) |
| :---: | :---: | :---: |
| ○ I | 60.80 |  |
| م【II | 150. 08 |  |
| $\rho$ 且 | 258980 |  |



STATICN ND. 166

APPSRENT RESISTIUITY FRED CBSERUD CALCULATED
$(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$
$2848 \quad 131.85 \quad 136.73$ 1024
$\begin{array}{ll}184.51 & 115.27 \\ 116.18 & 183.5 \\ 119.52 & 11.17\end{array}$
$119.52 \quad 117.17$
$156.52 \quad 160.5$
$\begin{array}{ll}242.37 & 236.84 \\ 386.58 & 347.80\end{array}$
$376.58 \quad 347.36$
$\begin{array}{ll}517.69 & 488.04 \\ 689.82 & 647.51\end{array}$
89640

CSAPT LAMERED MODEL.

| RESISTIUITY |  |
| :---: | :---: |
| $(\Omega \cdot m)$ | DEPTH |
|  | $(m)$ |


| 01 | 140.60 |
| :---: | :---: |
| $\rho$ II | 90.88 |



STATION NO 167

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAFENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | GBSERUED CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2848 | 72. 24 | 67. 18 |
| 1024 | 46.96 | 53,38 |
| 512 | 3822 | 39. 44 |
| 256 | 28.79 | 27. 18 |
| 128 | 89.14 | 19.22 |
| 64 | 14.95 | 16.81 |
| 32 | 18. 55 | 19.48 |
| 16 | 28.33 | 26.96 |
| - | 37.84 | 32.25 |
| 4 | 53.77 | 56.177 |

CSAMT LAMERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |  |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 65.00 |  |
| $\rho \\|$ | 10.00 | 210.80 |

STATION NO. 168



STATION NO 169

GPPARENT RESISTIUITY
FREQ ceserved calculated ( $\Omega \cdot m$ ) ( Hz )

| 2848 | 1828.87 | 1117.36 |
| :---: | :---: | :---: |
| 1024 | 1805. 39 | 97688 |
| 512 | 768.69 | 696.45 |
| 256 | 454. 96 | 465. 182 |
| 128 | 314.84 | 360.11 |
| 64 | 350.43 | 37237 |
| 32 | 474.71 | 487.88 |
| 16 | 621.53 | 70072 |
| 8 | 823.56 | 1009.43 |
| 4 | 1391, 53 | 1395. 74 |

CSEMT LAMERED MDREL

|  | RESISTIUITY <br> $(\Omega \cdot m)$ | DEPIH (m) |
| :---: | :---: | :---: |
| $\rho$ I | 1800. 60 |  |
| o II | 150.80 |  |
| $\rho$ 畕 | 4800.88 |  |




STATION ND. 172


GPPARENT RESISTIUITY
FREO OBSERUED CALCUMATED
( Hz ) $(\Omega \cdot \mathrm{m})$

| 2848 | 117.34 | 112.50 |
| ---: | ---: | ---: |
| 1624 | 98.84 | 96.28 |
| 512 | 82.53 | 76.54 |
| 256 | 61.54 | 59.77 |
| 128 | 49.26 | 55.81 |
| 64 | 67.15 | 67.65 |
| 32 | 169.59 | 96.13 |
| 16 | 151.12 | 142.63 |
| 8 | 217.12 | 207.13 |
| 4 | 340.63 | 286.21 |

CSAFT LCMERED MODEL.

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :--- | :--- | :--- |
| $\rho$ I | 128.60 | $\vdots$ |
| $\rho$ II | 45.00 | 80.60 |
| $\rho$ III | 808.80 |  |



STATION NO. 173

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | deserued caloulated |  |
|  | < $\Omega$ |  |
| 2848 | 8.29 | 8.33 |
| 1884 | 8.37 | 7.63 |
| 512 | 6.10 | 6.70 |
| 256 | 4.98 | 5.80 |
| 128 | 4. 45 | 4. 57 |
| 64 | 3.61 | 3,68 |
| 32 | 3. 68 | 3.92 |
| 16 | 7.20 | 5.72 |
| 8 | 12. 45 | 9.72 |
| 4 | 15.69 | 17. 19 |

CSAMT LAYERED MODEL

|  | RESISTIUITY $\langle\Omega \cdot m\rangle$ | $\underset{(\mathrm{m})}{\text { DEPTH }}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 8.88 |  |
| $\rho$ II | 3.58 |  |
| p III | 500.80 |  |




STATION NO. 175

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | fPPAPENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | Ceservel ohauliated |  |
|  |  |  |
| 2848 | 474. 13 | 595.46 |
| 1824 | 350.35 | ,412. 28 |
| 512 | 38.84 | 321:98 |
| 256 | 24095 | 248.32 |
| 128 | 179.88 | 180. 16 |
| 64 | 145.28 | 152.82 |
| 32 | 174.75 | 154.37 |
| 16 | 183.75 | 1895 |
| 8 | 233.30 | 254,69 |
| 4 | 418.32 | 3426 |

CSAMT LayErad model.

|  | RESISTIUITY <br> $(\Omega \cdot m)$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| D I | 500.80 |  |
| oII | 110.80 |  |
| 0䦦 | 168000 |  |




STATION No. Im

PPPARENT RESISTIUITY
FREO
( Hz )
( $\Omega . \mathrm{m}$
$\begin{array}{cc}2848 & 217.26 \quad 292 .\end{array}$ 1024
$166.66 \quad 294$.
154.50 . 280.
$\begin{array}{ll}201.48 & 190.3 \\ 172.55 & 178.7\end{array}$
$132.98 \quad 168.5$
191.49169
$173.37 \quad 154.48$
$161.49 \quad 15421$
315.24 147.19

CSMMT LAMERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |  |
| :---: | :---: | :---: |
| $\rho!$ | 200.00 |  |
| $\rho \square$ | 140.00 |  |



STATION NO. 178

|  | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
| FRES | OPSERUED CALCULLATED |  |
| (H2) | $(\Omega \cdot \Omega \cdot \mathrm{m})$ |  |
| 2848 | 53.06 | 51.59 |
| 1824 | 42.64 | 42.35 |
| 512 | 33.91 | 33 |
| 256 | 26.53 | 25.97 |
| 128 | 16.66 | 21.23 |
| 64 | 12.51 | 18.14 |
| 32 | 16.63 | 16.13 |
| 16 | 15.55 | 14.81 |
| 8 | 13.45 | 13.92 |
| 4 | 23.74 | 13.33 |.

CSFFTT LAMERED MODEL

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: |
| 50.00 | 60.90 |



STATION NO. 179

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | COSERNEOS CALCULATED |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2948 | 96.31 | 116 |
| 1024 | 107.38 | 110.82 |
| 512 | 187.13 | 189.81 |
| 256 | 108.65 | 107.36 |
| 128 | 109.27 | 101. 77 |
| 64 | 74.98 | 18094 |
| 32 | 93, 14 | 118.81 |
| 16 | 168.60 | 164.08 |
| 8 | 274. 28 | 24824 |
| 4 | 415.21 | 377.83 |

CSAHT LAMERED MOREL

|  | RESISTIUITY $\langle\Omega \cdot m\rangle$ |
| :---: | :---: |
| p1 | 110. 80 |
| $\rho$ II | 2000.100 |



STATION NO. 168

APPARENT RESISTIUITY OESERUED CALCALATED
$(\mathrm{Hz}) \quad(\Omega \cdot \mathrm{m})$
( Hz )
2043 1024
512

16420
1605.14
1403.69
1413.96
1168.
1168.23
1558.82
2682.36
3956.9
4291.25


CSAPT LAMEED MODEL

| $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH (m) |
| :---: | :---: |
| 1600.00 |  |
| 1300808 |  |
|  | 2880800 |
| 16808 80 |  |


 -250-

STATION NO. 181

PPPAPENT RESISTIUITY FREQ CESERUED COLCOLATED $\begin{array}{ll}(\mathrm{Hz}) & (\Omega \cdot \mathrm{m}) \\ 2448 & 24,45\end{array}$ 1824 512
367.96
284. 43
358.40
247.18
145.59
214.31
$3 \times 2.49$
660.58
1855. 43
$\qquad$ 328.77
355.80
295

## 

197.29
883.25 233.25
380.78 398.78
494.78
726.87 726. 87

CSATTL LAYERED MODEL

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :--- | :--- | :--- |
| $\rho \mathrm{I}$ | 290.60 |  |

STATICN NO 182

APPAPENT RESISTIUITY FREQ CESERED CALCULATE
( Hz ) ( $\Omega \cdot \mathrm{m}$ )

| 2848 | 249.48 | 277.83 |
| ---: | ---: | ---: |
| 1824 | 274.76 | 287.63 |
| 512 | 264.34 | 261.83 |
| 256 | 287.18 | 217.27 |
| 128 | 184.68 | 288.39 |
| 64 | 182.40 | 223.65 |
| 32 | 338.29 | 288.44 |
| 16 | 582.78 | 364.64 |
| 8 | 588.68 | 462.95 |
| 4 | 545.58 | 565.12 |

COMTI LAMERED MODEL

|  | RESISTIUITY $(\Omega \cdot m)$ | REPTH <br> ( m ) |
| :---: | :---: | :---: |
| 01 | 2ram | 338080 |
| o II | 180.80 |  |
| $\rho$ III | 1800.60 | 0 |

$\rho$ III 1800.60



STATION NO. 183

APPAPENT RESISTIUITY OBSERED CALOLLATED

| 2048 | 308.73 | 290.42 |
| ---: | ---: | ---: |
| 1084 | 274.36 | 306.41 |
| 512 | 288.86 | 396.47 |
| 256 | 302.60 | 271.39 |
| 128 | 198.31 | 253.86 |
| 64 | 249.99 | 303.38 |
| 32 | 416.46 | 401.13 |
| 16 | 522.53 | 462.55 |
| 8 | 438.81 | 429.11 |
| 4 | 358.13 | 346.13 |

CSAPT LAMERED HOLEL

|  | RESISTIUITY <br> ( $\Omega \cdot \mathrm{m})$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho I$ | 380.60 |  |

STATION NO. 184

APPAREAT RESISTIUITY
OESERUED CALOULATED

$$
\begin{array}{cc}
\text { FREE } & \text { UESUED CAL } \\
(\mathrm{Hz}) & (\Omega \cdot \mathrm{m})
\end{array}
$$

$$
359
$$

$\begin{array}{ll}333.69 & 339.35 \\ 375.44 & 371.96\end{array}$
$427.43 \quad 378.7$
$288.93 \quad 387.3$
$\begin{array}{ll}385.93 & 473.69 \\ 709 & 61\end{array}$
$1180.84 \quad 1867.49$
1852.901651 .39
3833. $17 \quad 2452.77$

CSAPT LAMERED HODEL

|  | $\begin{aligned} & \text { Resistiulty } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | $\begin{aligned} & \text { DEPTH } \\ & (\mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: |
| pI | 33089 |  |
| OII | 608.68 |  |
| $\rho$ 且 | 18089808 |  |




STATION NO. 185
feparent resistiuity FREO DESERED CALCUIATE

| $(\mathrm{Hz})$ | $\langle\Omega \cdot \mathrm{m}\rangle$ |  |
| :---: | :---: | :---: |
| 2848 | 113.79 | 114.89 |
| 182.4 | 131.51 | 147.69 |
| 512 | 203.83 | 193.10 |
| 255 | 255.39 | 242.86 |
| 188 | 176.58 | 266.99 |
| 64 | 216.88 | 289.33 |
| 32 | 386.28 | 371.49 |
| 16 | 638.95 | 558.71 |
| 8 | 976.58 | 891.91 |
| 4 | 1569.87 | 1413.73 |

CSFMT LAMERED MODEL
$\begin{array}{cc}\text { PESISTIUITY } & \text { DEPTH } \\ (\Omega \cdot \mathrm{m}) & (\mathrm{m})\end{array}$

| 01 | 180, 600 |
| :---: | :---: |
| PII | 588.80 |
| ofll | 9080. 80 |




STATION NO. 187

SPPARENT RESISTIUITY deserued calcalated ( $\Omega$. m )

| 56.96 | 58.41 |
| ---: | ---: |
| 73.72 | 86.40 |
| 117.27 | 112.35 |
| 140.42 | 147.68 |
| 111.48 | 177.98 |
| 157.42 | 218.25 |
| 268.49 | 209.97 |
| 405.73 | 467.67 |
| 609.95 | 569.67 |
| 1854.65 | 765.43 |

CSAFT LAYEPED MODEL

|  | FESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| $\rho I$ | 50.60 |  |

STATION NO. 188

PPPARENT RESISTIUITY
DESERED CALCULRIED
( Hz ) ( $\Omega \cdot \mathrm{m}$ )
8948 319.19 32232
1024
512
512
$256 \quad 784.75$
657.
618.121820 .44
1111.701382 .15
$\begin{array}{ll}1883.62 & 1688.93 \\ 2861.63 & 2158.42\end{array}$
$413852 \quad 2850.67$
csemt lamered model.

|  | $\begin{aligned} & \text { RESISTIUITY } \\ & (\Omega \cdot \mathrm{m}) \end{aligned}$ | DEPTH <br> (m) |
| :---: | :---: | :---: |
| D 1 | 350.88 |  |
| g II | 200080 |  |
| $\rho$ 酔 | 5688.80 |  |



STATION NO 189
pppapent resistivity

| FREQ | COSERUED CALCULATED |  |
| :---: | :---: | ---: |
| $(\mathrm{Hz})$ | $(\Omega \cdot \mathrm{m})$ |  |
| 2048 | 64.15 | 65.57 |
| 1024 | 70.22 | 70.78 |
| 512 | 84.60 | 82.97 |
| 256 | 94.98 | 98.16 |
| 128 | 112.27 | 107.81 |
| 64 | 62.93 | 118.47 |
| 32 | 125.56 | 151.78 |
| 16 | 286.17 | 219.87 |
| 8 | 348.67 | 327.83 |
| 4 | 541.70 | 486.91 |

CSMTI LAYERED PDDEL

|  | RESISTIUITY $(\Omega \cdot \mathrm{m})$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 78.80 |  |
| $\rho 11$ | 280.80 |  |
| $\rho$ III | 260000 |  |



STATION NO. 190
fPPARENT RESISTIUITY
FREQ
( Hz ) ( $\Omega \cdot \mathrm{m}$ )

| $(\Omega \cdot \mathrm{m})$ |  |
| :---: | :---: |
| 86.06 | 71.67 |
| 79.11 | 78.81 |
| 89.72 | 101.68 |
| 188.38 | 117.28 |
| 186.96 | 113.77 |
| 183.28 | 117.19 |
| 178.58 | 146.69 |
| 297.46 | 288.51 |
| 451.91 | 385.13 |
| 687.19 | 434.64 |

CSAMT LAMERED MDEL

|  | resistuity <br> $(\Omega \cdot \mathrm{m})$ | DAPTH (m) |
| :---: | :---: | :---: |
| $\rho \mathrm{I}$ | 80.80 |  |
| g II | 560.68 |  |
| $\rho$ 团 | 50.88 |  |
| $\rho \mathrm{N}$ | 1580.80 |  |



STATION NO. 191

| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | Cbserked calculated |  |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 248.85 | 266,52 |
| 1804 | 349.46 | 341.74 |
| 512 | 394.23 | \$97. 45 |
| 256 | 41264 | 456.23 |
| 128 | 46025 | 444, 33 |
| 64 | 346.97 | 471.69 |
| 32 | 471. 34 | 566.67 |
| 16 | 88235 | 741.95 |
| 8 | 1015.69 | 989.03 |
| 4 | 1655. 68 | 1284.85 |

CAMT LAYERED MODEL

| RESISTIUITY <br> $(\Omega \Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |  |
| :---: | :---: | :---: |
| $\rho 1$ | 200.00 | 60.60 |

$\rho$ 圆 3680


STATION ND. 192

|  | PPPARENT RESISTIUITY |  |
| :---: | :---: | ---: |
| FREE | ORSERED CALCULATED |  |
| $(\mathrm{Hz})$ | $(\Omega \Omega \cdot \mathrm{m})$ |  |
| 2048 | 111.73 | 162.33 |
| 1824 | 193.33 | 160.16 |
| 512 | 85.16 | 91.32 |
| 256 | 82.42 | 79.23 |
| 128 | 82.41 | 76.70 |
| 64 | 72.75 | 89.82 |
| 32 | 121.51 | 116.18 |
| 16 | 149.94 | 156.88 |
| 8 | 197.87 | 284.96 |
| 4 | 233.77 | 257.27 |

cont latered mocel.

|  | RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | $\begin{gathered} \text { DEPTH } \\ (\mathrm{m}) \end{gathered}$ |
| :---: | :---: | :---: |
| $\rho 1$ | 108.80 |  |
| $\rho$ II | 72. 60 |  |
| $\rho \mathbb{1}$ | 580.80 |  |


STATION NO 193

| $\begin{aligned} & \text { fRE日 } \\ & (\mathrm{Hz}) \end{aligned}$ | APPARENT RESISTIUITY |  |
| :---: | :---: | :---: |
|  | COSERED | clonlated |
|  | ( $\Omega \cdot \mathrm{m}$ ) |  |
| 2048 | 1789.78 | 1683.91 |
| 1824 | 1905.72 | 1959,96 |
| 512 | 2244.48 | 2279.39 |
| 256 | 2625.42 | 2443.74 |
| 128 | 2487. 78 | 2618.36 |
| 64 | 273369 | 317279 |
| 32 | 4879.79 | 4349.81 |
| 16 | 631250 | 6221.32 |
| 8 | 8897.11 | 875681 |
| 4 | 11935.88 | 11784.64 |

SARMT LAMERED MOIEL.

| RESISTIUITY <br> $(\Omega \cdot \mathrm{m})$ | DEPTH <br> $(\mathrm{m})$ |
| :---: | :---: |
| $\frac{1000.60}{4600.60}$ | 300.60 |
| 36080.60 |  |

STATION N. 194




STATION NO. 190

| $\begin{gathered} \text { FREQ } \\ (\mathrm{Hz}) \end{gathered}$ | PPPARENT PESISTIUITY |  |
| :---: | :---: | :---: |
|  | Ceserted calculated |  |
|  | ( $\Omega$. |  |
| 2848 | 49276 | 547. 47 |
| 1824 | 728.59 | 77068 |
| 512 | 1182. 10 | 1138.21 |
| 256 | 1379.83 | 1446.91 |
| 128 | 1371.37 | 1489, 65 |
| 64 | 1055. 75 | 1141.97 |
| 32 | 968.46 | 976 |
| 16 | 1839.23 | 970.85 |
| 8 | 1257. 34 | 1123.78 |
| 4 | 2149.41 | 1361.55 |

CSPMT LAMERED MODEL

|  | RESISTIUITY $(\Omega \cdot m)$ | DEPTH (m) |
| :---: | :---: | :---: |
| $\rho$ I | 560.60 |  |
| $\rho \square$ | 3588.68 |  |
|  | 460.00 |  |
| $\rho N$ | 3600.60 |  |


| $\begin{aligned} & \text { FREQ } \\ & (\mathrm{Hz}) \end{aligned}$ | APPAPENT RESISTJUITY |  |
| :---: | :---: | :---: |
|  | ObSERUED Calculated |  |
|  | < $\Omega$ |  |
| 2048 | 20, 3 | 244. 15 |
| 1024 | 394.62 | 317. 12 |
| 512 | 455.32 | 469.78 |
| 256 | 501.84 | 51231 |
| 128 | 524. 25 | 554. 46 |
| 64 | 473.78 | 597.85 |
| 3 | 428.94 | 467.56 |
| 16 | 478.82 | 498.54 |
| 8 | 588.56 | (12e. 40 |
| 4 | 769.75 | 762.10 |

CSATT LAYERED MODEL

|  | resistivity $(\Omega \cdot \mathrm{m})$ | DEPTH (m) |
| :---: | :---: | :---: |
| I | 160.80 |  |
| II | 8800 |  |
| III | 390.90 |  |
| N | 2908.80 |  |

APPPRENT RESISTIUITY FREQ CESERED CALC
$(\mathrm{Hz})$
$(\Omega \cdot \mathrm{m})$ $1824 \quad 728.59 \quad 770$
$1182.10 \quad 11382$
1371.37 1489.65
1055.751141 .9

103923 976.
2149.41 1 101.55
RESISTIUITY
(m)
78. 88 88.60

