

V. STRATIGRAPHY AND DENSITY DATA FROM ICE CORE DRILLED  
AT G2 GRID STATION

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The ice core of 127.655 m in length was drilled at the G2 grid station (71°02'25"S, 39°51'47"E, 1787 m) from October 22 to November 11, 1982. Stratigraphic analyses including layer features, grain sizes and depth hoar levels, were made *in situ* at the drilling site, and also in the laboratory under the transmitting fluorescent light for snow and ice samples by using the whole core that had been cut in half lengthwise. In Figs. 1-6 the results of the stratigraphic analyses are given for layer features such as layer boundary, ice crust and multilayered ice crust, grain size and depth hoar.

Density measurements amounting to a total of 1030 measurements were conducted for G2 cores by Messrs. H. OHMAE, H. NISHIMURA and T. EBINUMA, the Institute of Low Temperature Science, Hokkaido University. Densities were determined with the volume measurement and weighing technique: A rectangular block, approximately 0.05 m x 0.05 m x 0.03 m in size, was cut with its wider surfaces lying horizontally from drilled cores, and its dimensions were measured a few times with a calliper in an accuracy of  $1 \times 10^{-4}$  m. The accuracy of weighing was  $1 \times 10^{-5}$  kg, so that the overall accuracy of the density measurements was  $\pm 1 \text{ kg.m}^{-3}$ .

Density and cumulative mass per unit area are given in Table 1 and density-depth profile is shown in Fig. 7. As many scattered values of density data are seen in Fig. 7, we have not yet checked and selected the density data that may be considered to be misreading in the volume measurement.

The average density and cumulative mass per unit area for 1 m increments from the surface to 127.655 m are also given in Table 2 and density-depth profile is shown in Fig. 8.

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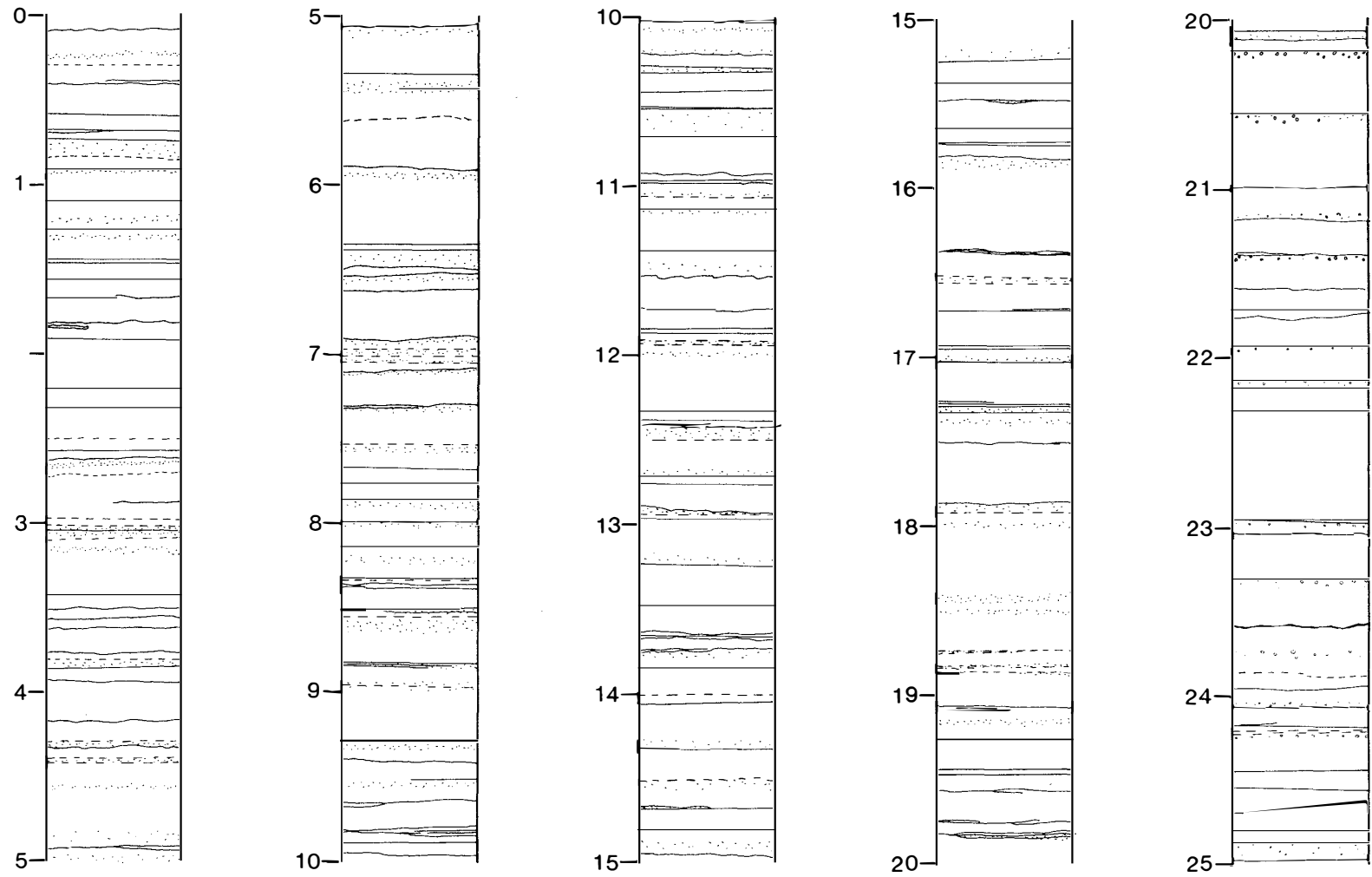


Fig. 1. G2 core (0 m-25 m).

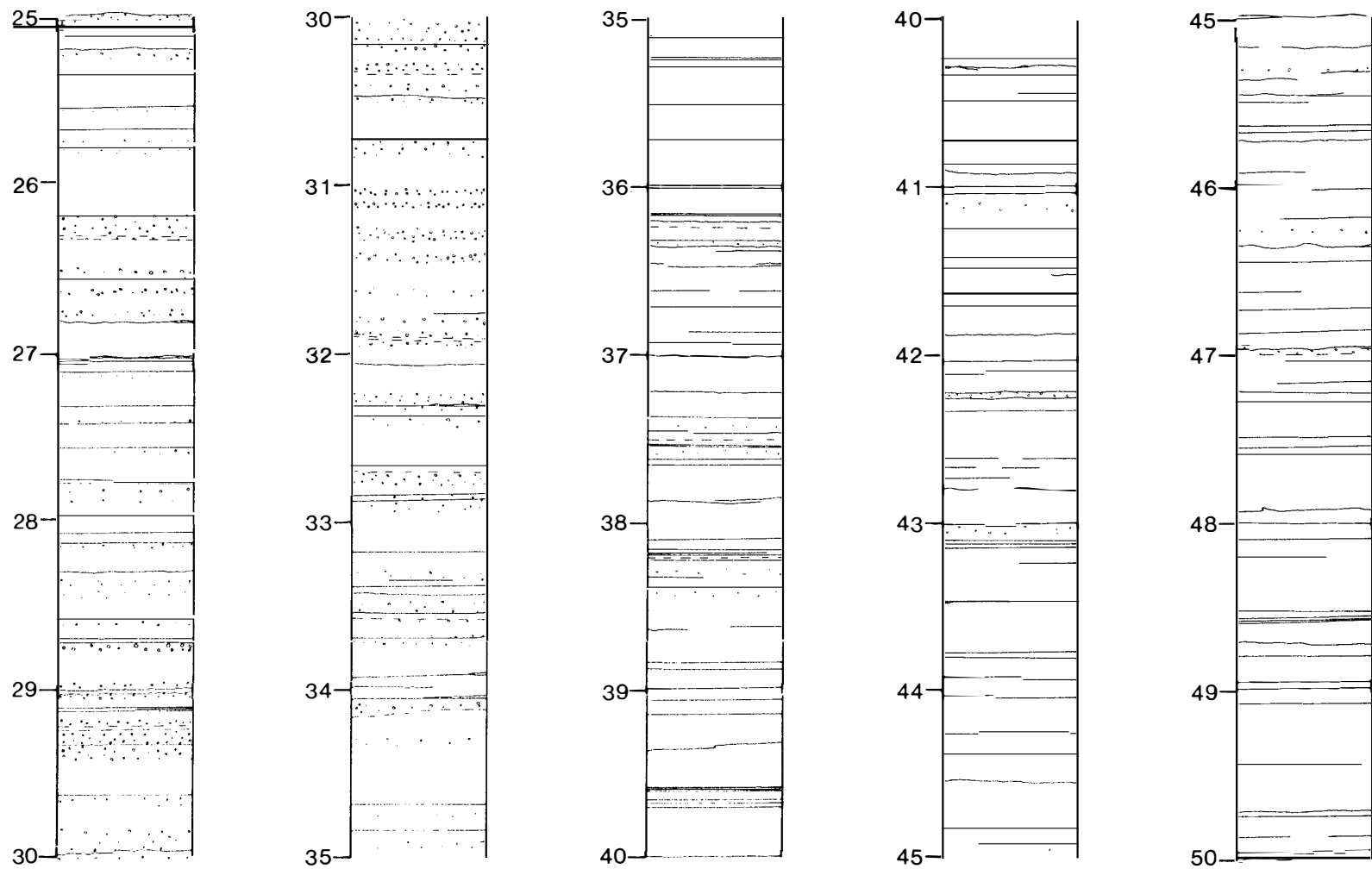


Fig. 2. G2 core (25 m-50 m).

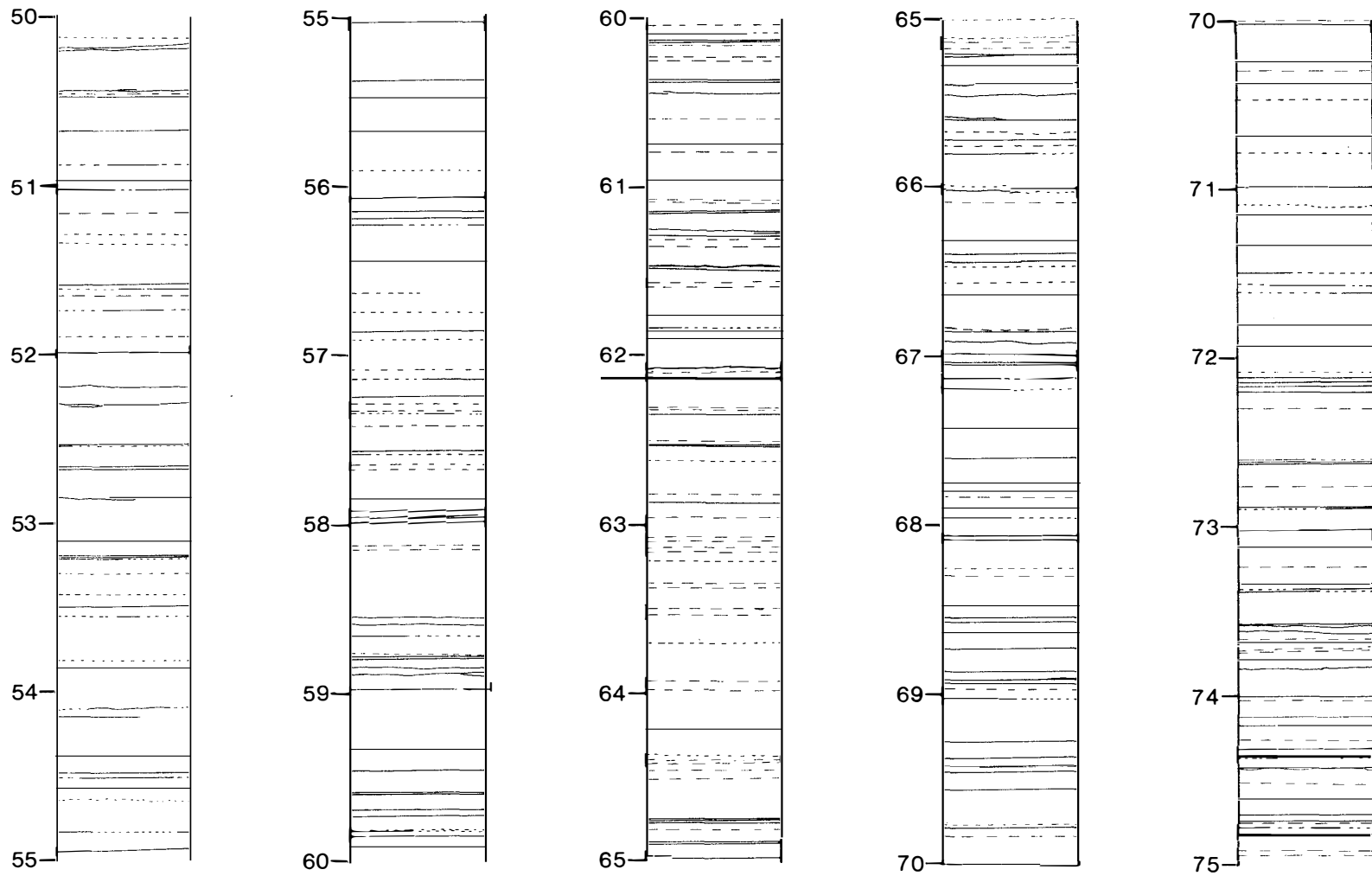


Fig. 3. G2 core (50 m-75 m).

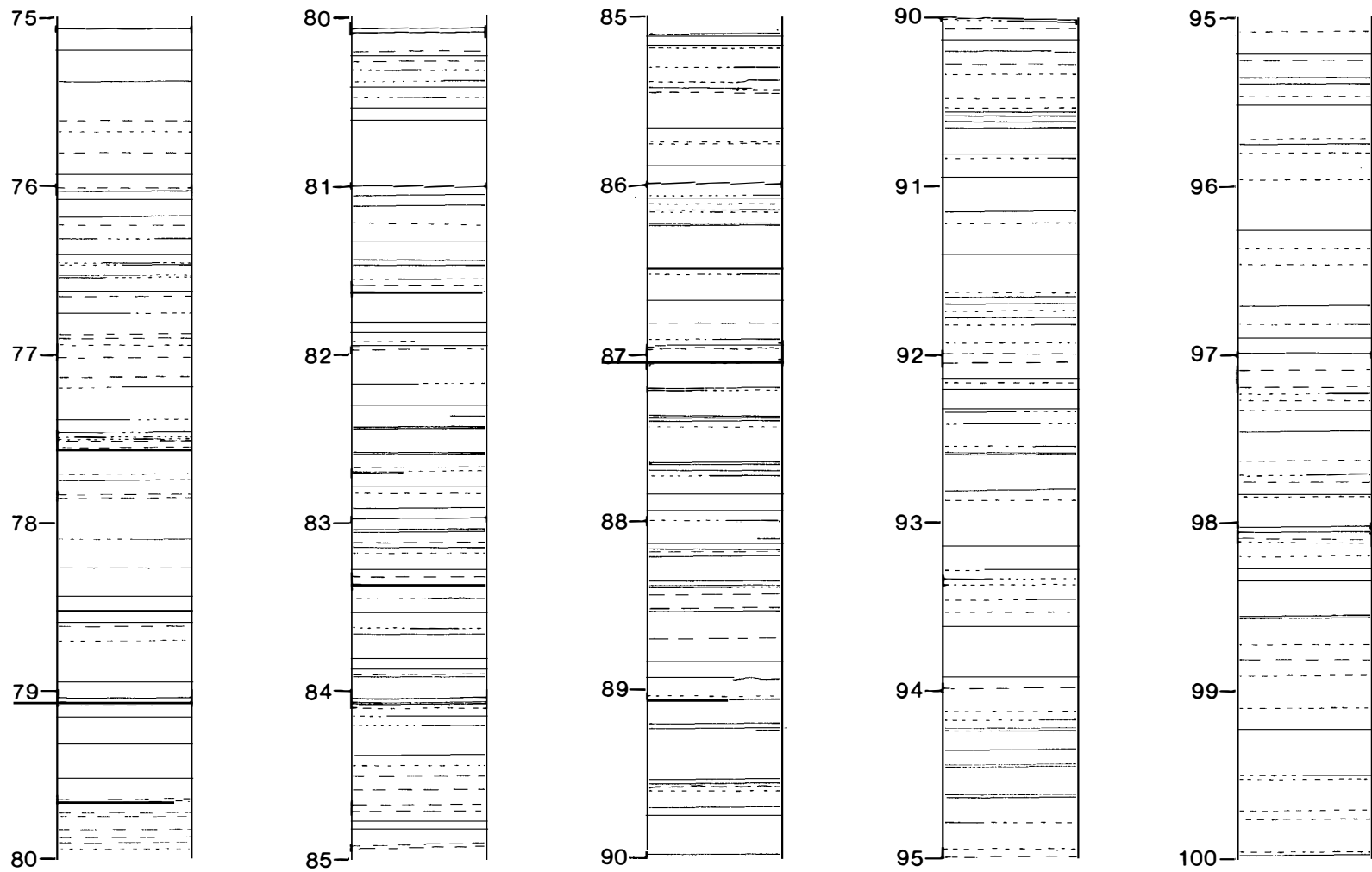


Fig. 4. G2 core (75 m-100 m).

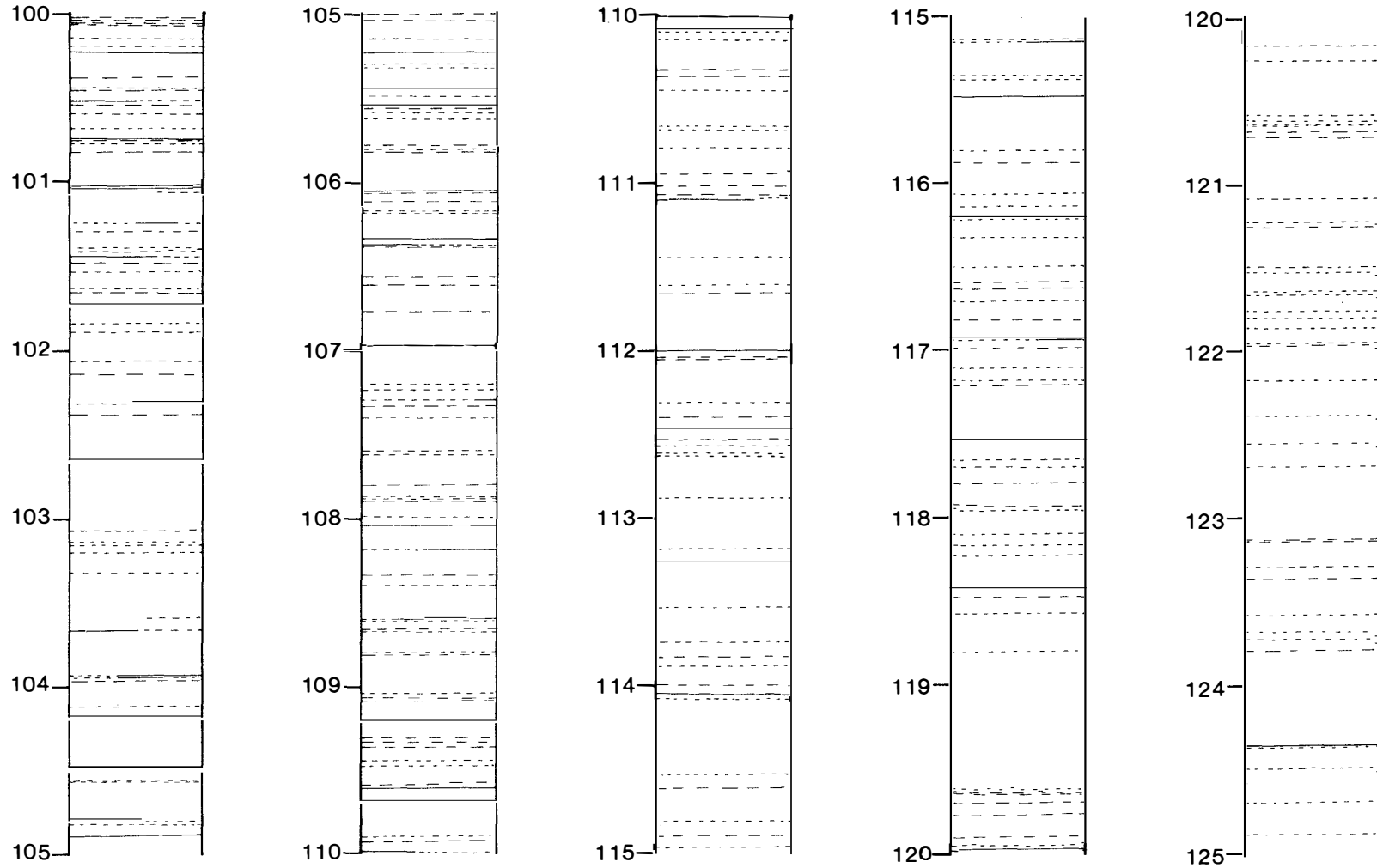
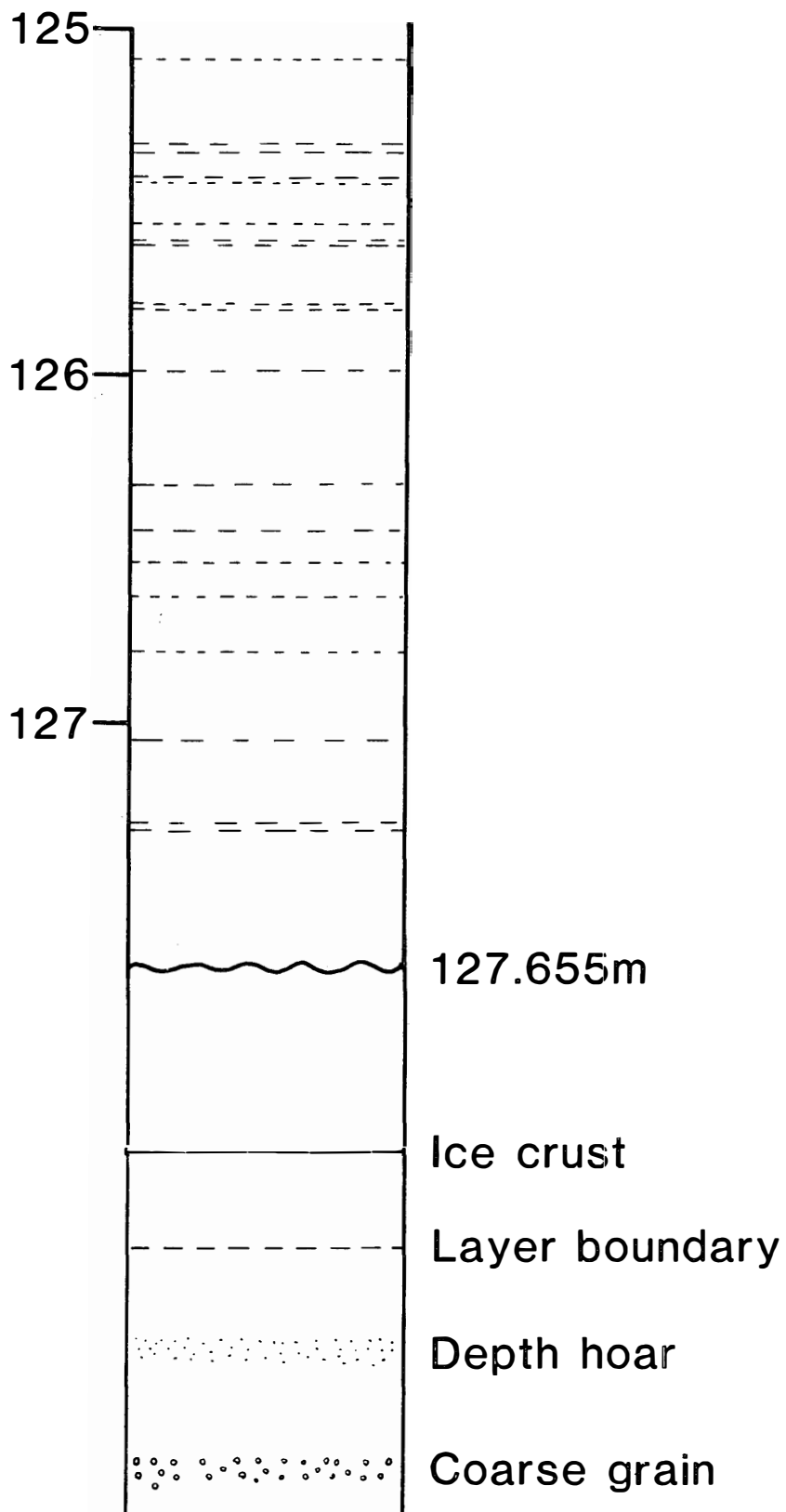


Fig. 5. G2 core (100 m–125 m).



**Fig. 6. G2 core  
(125 m–127.655 m).**

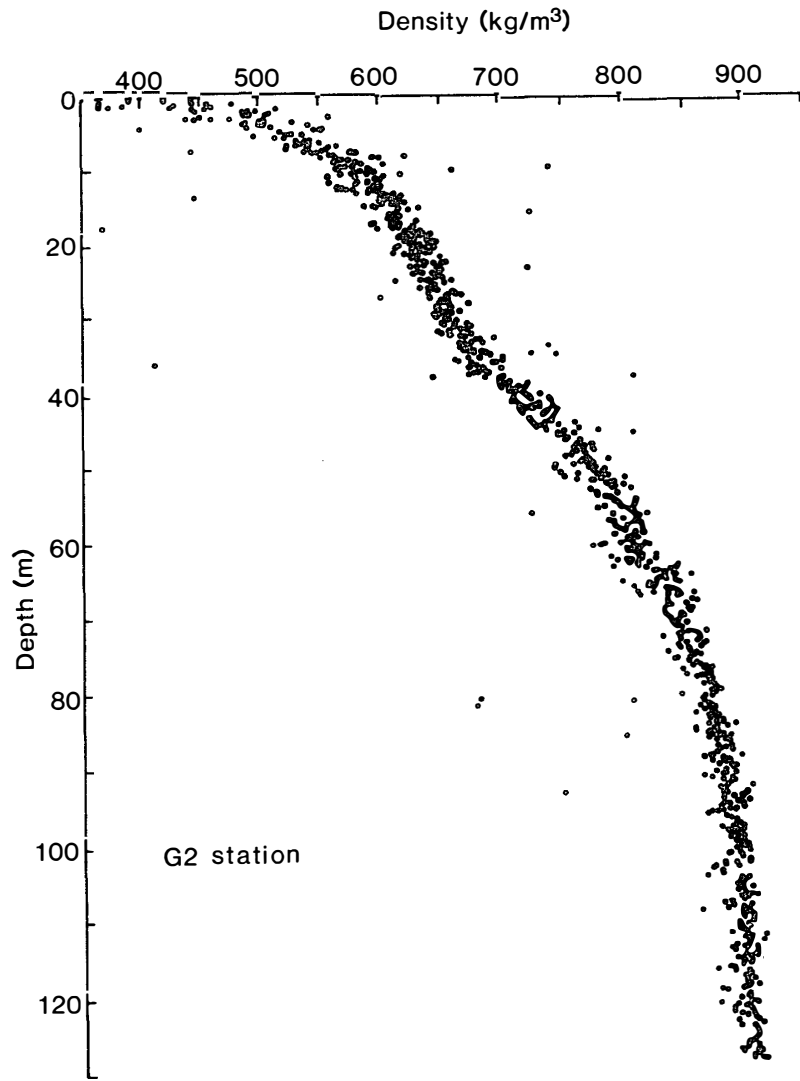


Fig. 7. Density plotted against depth.

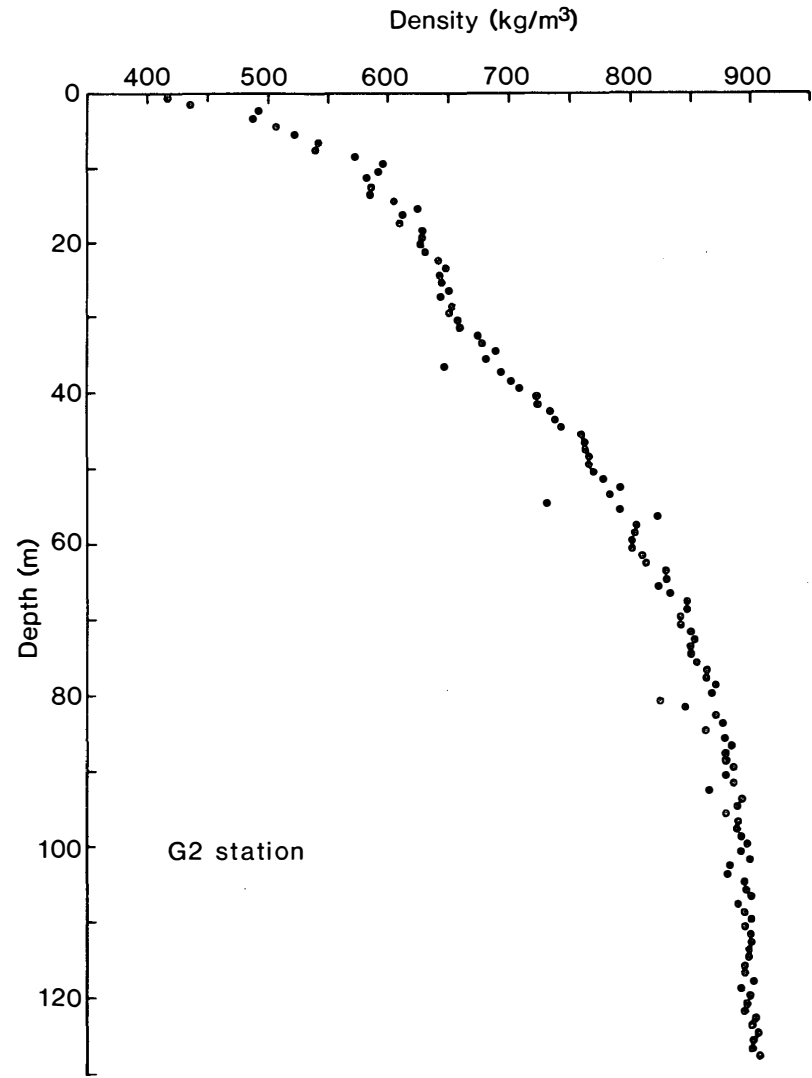


Fig. 8. Density in the average in 1 m intervals plotted against depth.



Table 1. Density data and cumulative mass per unit area from the surface to 127.655 m.

| Depth (m)    | Density (kg.m <sup>-3</sup> ) | Cumulative mass (kg.m <sup>-2</sup> ) | Depth (m)    | Density (kg.m <sup>-3</sup> ) | Cumulative mass (kg.m <sup>-2</sup> ) |
|--------------|-------------------------------|---------------------------------------|--------------|-------------------------------|---------------------------------------|
| 0.020- 0.040 | 418                           | 13                                    | 4.560- 4.650 | 546                           | 2151                                  |
| 0.070- 0.120 | 400                           | 40                                    | 4.650- 4.740 | 552                           | 2200                                  |
| 0.120- 0.180 | 414                           | 62                                    | 4.760- 4.900 | 518                           | 2272                                  |
| 0.180- 0.235 | 448                           | 87                                    | 4.920- 5.070 | 527                           | 2358                                  |
| 0.245- 0.310 | 390                           | 116                                   | 5.070- 5.230 | 524                           | 2439                                  |
| 0.310- 0.360 | 449                           | 140                                   | 5.230- 5.350 | 537                           | 2513                                  |
| 0.360- 0.415 | 485                           | 165                                   | 5.360- 5.400 | 522                           | 2561                                  |
| 0.425- 0.500 | 420                           | 199                                   | 5.440- 5.520 | 496                           | 2612                                  |
| 0.510- 0.590 | 390                           | 234                                   | 5.520- 5.600 | 514                           | 2652                                  |
| 0.605- 0.685 | 444                           | 274                                   | 5.630- 5.710 | 522                           | 2709                                  |
| 0.705- 0.740 | 365                           | 305                                   | 5.710- 5.800 | 532                           | 2754                                  |
| 0.770- 0.860 | 344                           | 338                                   | 5.800- 5.880 | 543                           | 2800                                  |
| 0.860- 0.900 | 445                           | 364                                   | 5.920- 6.020 | 540                           | 2870                                  |
| 0.910- 0.985 | 457                           | 394                                   | 6.020- 6.120 | 543                           | 2924                                  |
| 0.985- 1.090 | 478                           | 436                                   | 6.120- 6.230 | 551                           | 2981                                  |
| 1.100- 1.190 | 428                           | 485                                   | 6.240- 6.350 | 534                           | 3046                                  |
| 1.220- 1.270 | 384                           | 526                                   | 6.360- 6.380 | 543                           | 3086                                  |
| 1.280- 1.330 | 364                           | 548                                   | 6.390- 6.460 | 531                           | 3116                                  |
| 1.330- 1.440 | 425                           | 580                                   | 6.490- 6.530 | 565                           | 3163                                  |
| 1.475- 1.550 | 461                           | 636                                   | 6.540- 6.620 | 540                           | 3202                                  |
| 1.580- 1.660 | 372                           | 681                                   | 6.630- 6.720 | 524                           | 3253                                  |
| 1.680- 1.720 | 444                           | 714                                   | 6.730- 6.820 | 558                           | 3307                                  |
| 1.720- 1.810 | 455                           | 743                                   | 6.820- 6.910 | 557                           | 3357                                  |
| 1.830- 1.920 | 514                           | 796                                   | 6.910- 6.960 | 541                           | 3395                                  |
| 1.930- 2.060 | 491                           | 856                                   | 6.970- 7.050 | 523                           | 3435                                  |
| 2.070- 2.150 | 498                           | 913                                   | 7.060- 7.110 | 556                           | 3475                                  |
| 2.150- 2.200 | 487                           | 945                                   | 7.110- 7.200 | 542                           | 3513                                  |
| 2.210- 2.310 | 446                           | 985                                   | 7.200- 7.300 | 553                           | 3565                                  |
| 2.320- 2.430 | 509                           | 1040                                  | 7.320- 7.430 | 443                           | 3627                                  |
| 2.430- 2.510 | 507                           | 1088                                  | 7.430- 7.530 | 549                           | 3679                                  |
| 2.510- 2.560 | 505                           | 1121                                  | 7.530- 7.570 | 538                           | 3717                                  |
| 2.580- 2.610 | 492                           | 1151                                  | 7.580- 7.670 | 544                           | 3758                                  |
| 2.630- 2.780 | 487                           | 1205                                  | 7.680- 7.760 | 578                           | 3811                                  |
| 2.800- 2.880 | 491                           | 1271                                  | 7.770- 7.850 | 583                           | 3863                                  |
| 2.890- 2.930 | 558                           | 1308                                  | 7.850- 7.980 | 562                           | 3923                                  |
| 2.940- 2.970 | 451                           | 1331                                  | 7.990- 8.060 | 558                           | 3985                                  |
| 2.970- 3.010 | 504                           | 1348                                  | 8.070- 8.130 | 559                           | 4027                                  |
| 3.010- 3.040 | 476                           | 1365                                  | 8.140- 8.230 | 565                           | 4075                                  |
| 3.050- 3.090 | 440                           | 1386                                  | 8.230- 8.300 | 551                           | 4120                                  |
| 3.100- 3.130 | 461                           | 1406                                  | 8.330- 8.380 | 597                           | 4172                                  |
| 3.160- 3.250 | 446                           | 1447                                  | 8.380- 8.450 | 624                           | 4209                                  |
| 3.270- 3.420 | 506                           | 1514                                  | 8.450- 8.540 | 602                           | 4258                                  |
| 3.430- 3.500 | 528                           | 1576                                  | 8.550- 8.660 | 570                           | 4322                                  |
| 3.510- 3.590 | 490                           | 1619                                  | 8.660- 8.770 | 567                           | 4385                                  |
| 3.620- 3.760 | 501                           | 1688                                  | 8.780- 8.810 | 576                           | 4431                                  |
| 3.760- 3.790 | 505                           | 1731                                  | 8.840- 8.930 | 579                           | 4483                                  |
| 3.800- 3.840 | 487                           | 1753                                  | 8.950- 9.040 | 563                           | 4546                                  |
| 3.850- 3.930 | 541                           | 1789                                  | 9.040- 9.150 | 582                           | 4603                                  |
| 3.940- 4.020 | 504                           | 1836                                  | 9.150- 9.260 | 587                           | 4667                                  |
| 4.020- 4.090 | 500                           | 1874                                  | 9.270- 9.420 | 578                           | 4749                                  |
| 4.100- 4.160 | 511                           | 1912                                  | 9.430- 9.530 | 605                           | 4829                                  |
| 4.170- 4.280 | 501                           | 1960                                  | 9.530- 9.620 | 573                           | 4885                                  |
| 4.330- 4.380 | 491                           | 2024                                  | 9.640- 9.740 | 568                           | 4951                                  |
| 4.380- 4.410 | 399                           | 2042                                  | 9.740- 9.810 | 741                           | 5007                                  |
| 4.420- 4.550 | 553                           | 2085                                  | 9.820- 9.870 | 592                           | 5054                                  |

| Depth<br>(m)          | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)          | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|-----------------------|----------------------------------|--|-----------------------|----------------------------------|--|
| 9.880- 9.950          | 565                              | 5094                                     | 14.510- 14.640        | 622                              | 7865                                     |
| <u>9.950- 10.030</u>  | <u>594</u>                       | <u>5137</u>                              | 14.650- 14.715        | 612                              | 7931                                     |
| 10.030- 10.150        | 662                              | 5200                                     | 14.730- 14.780        | 616                              | 7976                                     |
| 10.150- 10.230        | 586                              | 5262                                     | 14.785- 14.850        | 604                              | 8014                                     |
| 10.240- 10.300        | 598                              | 5309                                     | 14.850- 14.920        | 588                              | 8054                                     |
| 10.310- 10.370        | 581                              | 5350                                     | <u>14.940- 15.070</u> | <u>596</u>                       | <u>8125</u>                              |
| 10.375- 10.445        | 583                              | 5391                                     | 15.070- 15.210        | 598                              | 8206                                     |
| 10.460- 10.540        | 591                              | 5444                                     | 15.255- 15.375        | 635                              | 8314                                     |
| 10.560- 10.625        | 569                              | 5498                                     | 15.385- 15.465        | 618                              | 8383                                     |
| 10.650- 10.710        | 578                              | 5548                                     | 15.495- 15.645        | 618                              | 8473                                     |
| 10.710- 10.785        | 619                              | 5588                                     | 15.655- 15.735        | 625                              | 8551                                     |
| 10.785- 10.930        | 604                              | 5655                                     | 15.750- 15.815        | 616                              | 8605                                     |
| 10.940- 10.980        | 582                              | 5716                                     | 15.835- 15.970        | 725                              | 8685                                     |
| <u>10.995- 11.060</u> | <u>558</u>                       | <u>5754</u>                              | <u>15.980- 16.060</u> | <u>609</u>                       | <u>8763</u>                              |
| 11.080- 11.130        | 582                              | 5798                                     | 16.075- 16.180        | 615                              | 8829                                     |
| 11.135- 11.270        | 600                              | 5856                                     | 16.180- 16.285        | 613                              | 8893                                     |
| 11.290- 11.365        | 600                              | 5931                                     | 16.300- 16.375        | 618                              | 8958                                     |
| 11.375- 11.465        | 602                              | 5987                                     | 16.395- 16.520        | 619                              | 9032                                     |
| 11.480- 11.525        | 580                              | 6036                                     | 16.525- 16.560        | 619                              | 9085                                     |
| 11.535- 11.620        | 584                              | 6080                                     | 16.585- 16.665        | 614                              | 9136                                     |
| 11.620- 11.715        | 592                              | 6133                                     | 16.705- 16.675        | 608                              | 9176                                     |
| 11.765- 11.825        | 598                              | 6209                                     | 16.715- 16.810        | 616                              | 9220                                     |
| 11.835- 11.880        | 583                              | 6246                                     | 16.810- 16.920        | 613                              | 9283                                     |
| 11.880- 11.902        | 558                              | 6265                                     | <u>16.950- 17.015</u> | <u>633</u>                       | <u>9356</u>                              |
| 11.902- 11.965        | 582                              | 6289                                     | 17.035- 17.150        | 615                              | 9425                                     |
| <u>11.975- 12.100</u> | <u>601</u>                       | <u>6351</u>                              | 17.150- 17.265        | 619                              | 9496                                     |
| 12.100- 12.245        | 602                              | 6432                                     | 17.285- 17.320        | 597                              | 9554                                     |
| 12.255- 12.320        | 602                              | 6501                                     | 17.325- 17.400        | 613                              | 9590                                     |
| 12.325- 12.365        | 598                              | 6536                                     | 17.400- 17.480        | 594                              | 9637                                     |
| 12.370- 12.395        | 602                              | 6559                                     | 17.495- 17.610        | 619                              | 9705                                     |
| 12.415- 12.440        | 566                              | 6585                                     | 17.610- 17.740        | 631                              | 9782                                     |
| 12.450- 12.490        | 570                              | 6609                                     | 17.740- 17.845        | 631                              | 9856                                     |
| 12.500- 12.570        | 570                              | 6646                                     | 17.855- 17.910        | 599                              | 9911                                     |
| 12.570- 12.645        | 574                              | 6687                                     | 17.915- 17.980        | 617                              | 9951                                     |
| 12.655- 12.690        | 580                              | 6725                                     | <u>17.995- 18.045</u> | <u>612</u>                       | <u>9996</u>                              |
| 12.705- 12.735        | 594                              | 6753                                     | 18.060- 18.170        | 628                              | 10055                                    |
| 12.740- 12.850        | 597                              | 6798                                     | 18.170- 18.290        | 636                              | 10128                                    |
| 12.865- 12.920        | 592                              | 6856                                     | 18.330- 18.395        | 629                              | 10212                                    |
| 12.920- 12.950        | 601                              | 6881                                     | 18.395- 18.495        | 622                              | 10264                                    |
| <u>12.955- 13.015</u> | <u>592</u>                       | <u>6911</u>                              | 18.495- 18.595        | 631                              | 10327                                    |
| 13.015- 13.080        | 583                              | 6948                                     | 18.595- 18.695        | 638                              | 10390                                    |
| 13.110- 13.210        | 593                              | 7014                                     | 18.725- 18.805        | 644                              | 10467                                    |
| 13.240- 13.370        | 613                              | 7101                                     | 18.805- 18.850        | 645                              | 10507                                    |
| 13.385- 13.460        | 605                              | 7173                                     | 18.850- 18.925        | 635                              | 10545                                    |
| 13.470- 13.580        | 608                              | 7235                                     | <u>18.925- 19.045</u> | <u>642</u>                       | <u>10607</u>                             |
| 13.590- 13.620        | 445                              | 7277                                     | 19.065- 19.150        | 619                              | 10684                                    |
| 13.655- 13.715        | 620                              | 7320                                     | 19.150- 19.235        | 625                              | 10737                                    |
| 13.725- 13.830        | 602                              | 7377                                     | 19.245- 19.335        | 617                              | 10798                                    |
| 13.845- 13.910        | 610                              | 7438                                     | 19.335- 19.415        | 631                              | 10851                                    |
| <u>13.910- 13.985</u> | <u>614</u>                       | <u>7481</u>                              | 19.425- 19.450        | 641                              | 10891                                    |
| 14.035- 14.130        | 610                              | 7564                                     | 19.470- 19.545        | 630                              | 10935                                    |
| 14.130- 14.220        | 605                              | 7620                                     | 19.550- 19.605        | 645                              | 10980                                    |
| 14.250- 14.295        | 601                              | 7679                                     | 19.635- 19.720        | 623                              | 11043                                    |
| 14.305- 14.395        | 618                              | 7726                                     | 19.720- 19.795        | 649                              | 11094                                    |
| 14.395- 14.490        | 618                              | 7783                                     | 19.840- 19.950        | 642                              | 11183                                    |

| Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumula-<br>tive mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumula-<br>tive mass<br>(kg.m <sup>-2</sup> ) |
|----------------|----------------------------------|---|----------------|----------------------------------|---|
| 19.965- 20.065 | 627                              | 11259   | 25.120- 25.210 | 657                              | 14564   |
| 20.100- 20.130 | 635                              | 11322   | 25.220- 25.345 | 645                              | 14640   |
| 20.135- 20.190 | 632                              | 11352   | 25.370- 25.465 | 642                              | 14727   |
| 20.215- 20.325 | 618                              | 11419   | 25.465- 25.560 | 647                              | 14788   |
| 20.325- 20.455 | 634                              | 11494   | 25.575- 25.690 | 655                              | 14866   |
| 20.480- 20.550 | 639                              | 11574   | 25.700- 25.770 | 650                              | 14933   |
| 20.565- 20.700 | 648                              | 11650   | 25.785- 25.905 | 642                              | 15004   |
| 20.710- 20.805 | 615                              | 11729   | 25.905- 26.065 | 650                              | 15094   |
| 20.830- 20.915 | 628                              | 11800   | 26.005- 26.090 | 636                              | 15134   |
| 20.915- 20.990 | 636                              | 11851   | 26.100- 26.180 | 646                              | 15193   |
| 20.990- 21.110 | 644                              | 11913   | 26.190- 26.310 | 651                              | 15264   |
| 21.140- 21.190 | 645                              | 11987   | 26.365- 26.455 | 660                              | 15369   |
| 21.200- 21.295 | 642                              | 12040   | 26.455- 26.550 | 662                              | 15430   |
| 21.295- 21.385 | 641                              | 12099   | 26.565- 26.625 | 642                              | 15490   |
| 21.410- 21.500 | 613                              | 12171   | 26.655- 26.750 | 664                              | 15560   |
| 21.500- 21.590 | 622                              | 12227   | 26.750- 26.815 | 658                              | 15613   |
| 21.625- 21.675 | 629                              | 12293   | 26.865- 26.955 | 668                              | 15698   |
| 21.685- 21.720 | 635                              | 12326   | 26.955- 27.035 | 658                              | 15754   |
| 21.725- 21.765 | 627                              | 12353   | 27.065- 27.105 | 660                              | 15813   |
| 21.780- 21.920 | 652                              | 12420   | 27.125- 27.225 | 602                              | 15870   |
| 21.930- 21.980 | 634                              | 12488   | 27.225- 27.320 | 644                              | 15931   |
| 22.000- 22.125 | 628                              | 12556   | 27.360- 27.420 | 657                              | 16007   |
| 22.135- 22.175 | 634                              | 12614   | 27.430- 27.515 | 655                              | 16061   |
| 22.185- 22.305 | 648                              | 12672   | 27.515- 27.570 | 651                              | 16107   |
| 22.310- 22.410 | 647                              | 12746   | 27.630- 27.750 | 657                              | 16203   |
| 22.410- 22.490 | 640                              | 12804   | 27.785- 27.855 | 653                              | 16288   |
| 22.500- 22.555 | 641                              | 12854   | 27.855- 27.940 | 658                              | 16339   |
| 22.565- 22.670 | 658                              | 12912   | 27.965- 28.070 | 650                              | 16417   |
| 22.670- 22.775 | 655                              | 12981   | 28.085- 28.125 | 676                              | 16475   |
| 22.795- 22.875 | 647                              | 13054   | 28.165- 28.295 | 660                              | 16559   |
| 22.875- 22.950 | 652                              | 13104   | 28.325- 28.410 | 648                              | 16649   |
| 22.970- 23.020 | 641                              | 13157   | 28.425- 28.560 | 661                              | 16731   |
| 23.035- 23.155 | 628                              | 13220   | 28.575- 28.690 | 649                              | 16823   |
| 23.180- 23.300 | 633                              | 13311   | 28.720- 28.785 | 647                              | 16901   |
| 23.305- 23.355 | 652                              | 13369   | 28.830- 28.980 | 653                              | 17000   |
| 23.370- 23.475 | 723                              | 13433   | 29.040- 29.095 | 670                              | 17107   |
| 23.475- 23.575 | 651                              | 13503   | 29.125- 29.190 | 649                              | 17166   |
| 23.630- 23.705 | 654                              | 13596   | 29.230- 29.275 | 657                              | 17228   |
| 23.710- 23.780 | 634                              | 13646   | 29.285- 29.320 | 661                              | 17261   |
| 23.780- 23.845 | 638                              | 13689   | 29.320- 29.425 | 647                              | 17307   |
| 23.870- 23.920 | 646                              | 13742   | 29.425- 29.520 | 651                              | 17372   |
| 23.950- 24.010 | 639                              | 13797   | 29.520- 29.615 | 651                              | 17434   |
| 24.010- 24.045 | 638                              | 13827   | 29.625- 29.740 | 656                              | 17509   |
| 24.055- 24.150 | 648                              | 13875   | 29.740- 29.835 | 650                              | 17578   |
| 24.220- 24.275 | 630                              | 13968   | 29.835- 29.945 | 648                              | 17645   |
| 24.275- 24.340 | 654                              | 14007   | 29.960- 30.005 | 659                              | 17705   |
| 24.430- 24.525 | 654                              | 14118   | 30.020- 30.095 | 656                              | 17754   |
| 24.540- 24.620 | 650                              | 14185   | 30.100- 30.145 | 658                              | 17797   |
| 24.625- 24.695 | 655                              | 14237   | 30.210- 30.320 | 666                              | 17891   |
| 24.705- 24.775 | 663                              | 14290   | 30.330- 30.370 | 666                              | 17948   |
| 24.785- 24.845 | 643                              | 14339   | 30.370- 30.465 | 662                              | 17993   |
| 24.855- 24.895 | 642                              | 14378   | 30.515- 30.620 | 652                              | 18092   |
| 24.905- 24.955 | 636                              | 14413   | 30.620- 30.710 | 665                              | 18156   |
| 24.965- 25.010 | 644                              | 14450   | 30.725- 30.820 | 673                              | 18228   |
| 25.075- 25.115 | 641                              | 14519   | 30.820- 30.915 | 663                              | 18291   |

| Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|----------------|----------------------------------|--|----------------|----------------------------------|--|
| 30.925- 31.005 | 655                              | 18355                                    | 37.370- 37.440 | 675                              | 22718                                    |
| 31.005- 31.125 | 678                              | 18422                                    | 37.465- 37.500 | 644                              | 22769                                    |
| 31.125- 31.275 | 663                              | 18513                                    | 37.570- 37.610 | 704                              | 22841                                    |
| 31.325- 31.400 | 674                              | 18622                                    | 37.650- 37.810 | 810                              | 22947                                    |
| 31.400- 31.500 | 670                              | 18681                                    | 37.875- 37.970 | 688                              | 23091                                    |
| 31.520- 31.665 | 661                              | 18776                                    | 37.970- 38.075 | 700                              | 23160                                    |
| 31.700- 31.750 | 651                              | 18863                                    | 38.095- 38.145 | 701                              | 23228                                    |
| 31.750- 31.875 | 653                              | 18920                                    | 38.210- 38.265 | 705                              | 23311                                    |
| 31.960- 32.055 | 678                              | 19050                                    | 38.325- 38.375 | 709                              | 23391                                    |
| 32.065- 32.185 | 661                              | 19129                                    | 38.385- 38.480 | 700                              | 23449                                    |
| 32.195- 32.280 | 669                              | 19204                                    | 38.495- 38.605 | 723                              | 23533                                    |
| 32.335- 32.440 | 673                              | 19305                                    | 38.625- 38.720 | 705                              | 23620                                    |
| 32.470- 32.640 | 696                              | 19420                                    | 38.720- 38.820 | 701                              | 23689                                    |
| 32.650- 32.690 | 685                              | 19499                                    | 38.860- 38.975 | 712                              | 23793                                    |
| 32.690- 32.785 | 681                              | 19545                                    | 38.985- 39.035 | 716                              | 23859                                    |
| 32.905- 33.025 | 678                              | 19700                                    | 39.045- 39.125 | 702                              | 23912                                    |
| 33.025- 33.155 | 686                              | 19785                                    | 39.135- 39.220 | 720                              | 23978                                    |
| 33.170- 33.280 | 669                              | 19876                                    | 39.220- 39.300 | 709                              | 24037                                    |
| 33.280- 33.330 | 673                              | 19930                                    | 39.349- 39.475 | 713                              | 24145                                    |
| 33.410- 33.520 | 676                              | 20038                                    | 39.485- 39.555 | 705                              | 24222                                    |
| 33.580- 33.645 | 740                              | 20142                                    | 39.585- 39.625 | 708                              | 24282                                    |
| 33.690- 33.730 | 673                              | 20211                                    | 39.715- 39.685 | 714                              | 24350                                    |
| 33.730- 33.890 | 669                              | 20278                                    | 39.855- 39.980 | 718                              | 24506                                    |
| 33.910- 33.960 | 671                              | 20362                                    | 39.985- 40.060 | 720                              | 24581                                    |
| 33.970- 34.025 | 680                              | 20404                                    | 40.080- 40.240 | 733                              | 24681                                    |
| 34.055- 34.100 | 678                              | 20458                                    | 40.280- 40.340 | 725                              | 24790                                    |
| 34.115- 34.175 | 672                              | 20504                                    | 40.350- 40.400 | 712                              | 24837                                    |
| 34.185- 34.280 | 675                              | 20563                                    | 40.430- 40.490 | 712                              | 24898                                    |
| 34.280- 34.350 | 680                              | 20619                                    | 40.495- 40.600 | 726                              | 24961                                    |
| 34.350- 34.465 | 678                              | 20682                                    | 40.610- 40.670 | 741                              | 25029                                    |
| 34.465- 34.575 | 686                              | 20759                                    | 40.675- 40.725 | 742                              | 25073                                    |
| 34.585- 34.655 | 689                              | 20828                                    | 40.730- 40.845 | 742                              | 25138                                    |
| 34.665- 34.735 | 726                              | 20885                                    | 40.905- 41.005 | 710                              | 25260                                    |
| 34.735- 34.805 | 746                              | 20937                                    | 41.080- 41.160 | 716                              | 25378                                    |
| 34.845- 34.970 | 693                              | 21036                                    | 41.160- 41.245 | 732                              | 25438                                    |
| 34.970- 35.125 | 675                              | 21132                                    | 41.255- 41.420 | 729                              | 25537                                    |
| 35.135- 35.225 | 703                              | 21223                                    | 41.430- 41.480 | 725                              | 25622                                    |
| 35.250- 35.295 | 685                              | 21287                                    | 41.500- 41.555 | 719                              | 25674                                    |
| 35.300- 35.400 | 664                              | 21339                                    | 41.565- 41.630 | 728                              | 25725                                    |
| 35.400- 35.525 | 703                              | 21416                                    | 41.645- 41.705 | 744                              | 25782                                    |
| 35.530- 35.610 | 667                              | 21490                                    | 41.715- 41.745 | 732                              | 25823                                    |
| 35.625- 35.735 | 678                              | 21564                                    | 41.755- 41.860 | 722                              | 25879                                    |
| 35.740- 35.875 | 698                              | 21652                                    | 41.870- 41.960 | 716                              | 25956                                    |
| 35.875- 36.005 | 695                              | 21744                                    | 41.960- 42.035 | 727                              | 26016                                    |
| 36.015- 36.150 | 411                              | 21823                                    | 42.100- 42.195 | 748                              | 26127                                    |
| 36.165- 36.200 | 682                              | 21878                                    | 42.260- 42.300 | 740                              | 26226                                    |
| 36.240- 36.310 | 677                              | 21941                                    | 42.315- 42.440 | 738                              | 26298                                    |
| 36.380- 36.460 | 676                              | 22039                                    | 42.440- 42.590 | 735                              | 26399                                    |
| 36.495- 36.605 | 702                              | 22129                                    | 42.655- 42.710 | 719                              | 26521                                    |
| 36.615- 36.675 | 688                              | 22195                                    | 42.755- 42.795 | 745                              | 26589                                    |
| 36.715- 36.845 | 687                              | 22288                                    | 42.810- 42.955 | 735                              | 26669                                    |
| 36.900- 37.005 | 688                              | 22407                                    | 43.000- 43.080 | 724                              | 26784                                    |
| 37.020- 37.185 | 683                              | 22510                                    | 43.135- 43.215 | 743                              | 26883                                    |
| 37.225- 37.305 | 692                              | 22622                                    | 43.225- 43.395 | 739                              | 26983                                    |
| 37.315- 37.360 | 679                              | 22672                                    | 43.415- 43.460 | 742                              | 27077                                    |

| Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|----------------|----------------------------------|--|----------------|----------------------------------|--|
| 43.515- 43.660 | 742                              | 27188                                    | 50.500- 50.565 | 749                              | 32478                                    |
| 43.660- 43.740 | 726                              | 27271                                    | 50.580- 50.680 | 780                              | 32553                                    |
| 43.780- 43.910 | 738                              | 27377                                    | 50.695- 50.760 | 764                              | 32628                                    |
| 43.915- 44.005 | 762                              | 27463                                    | 50.760- 50.855 | 785                              | 32690                                    |
| 44.025- 44.075 | 728                              | 27530                                    | 50.890- 50.975 | 789                              | 32788                                    |
| 44.090- 44.225 | 748                              | 27609                                    | 50.985- 51.035 | 785                              | 32849                                    |
| 44.235- 44.360 | 734                              | 27713                                    | 51.075- 51.170 | 753                              | 32936                                    |
| 44.370- 44.430 | 737                              | 27788                                    | 51.210- 51.255 | 803                              | 33022                                    |
| 44.450- 44.505 | 730                              | 27845                                    | 51.300- 51.360 | 763                              | 33098                                    |
| 44.530- 44.620 | 765                              | 27918                                    | 51.360- 51.480 | 783                              | 33168                                    |
| 44.640- 44.800 | 781                              | 28030                                    | 51.480- 51.595 | 777                              | 33260                                    |
| 44.810- 44.895 | 738                              | 28131                                    | 51.625- 51.660 | 775                              | 33341                                    |
| 44.935- 44.995 | 753                              | 28215                                    | 51.695- 51.740 | 794                              | 33400                                    |
| 45.005- 45.125 | 809                              | 28293                                    | 51.795- 51.900 | 791                              | 33503                                    |
| 45.155- 45.225 | 762                              | 28391                                    | 51.900- 51.995 | 787                              | 33582                                    |
| 45.235- 45.325 | 748                              | 28459                                    | 52.000- 52.100 | 802                              | 33663                                    |
| 45.415- 45.455 | 752                              | 28575                                    | 52.100- 52.195 | 794                              | 33741                                    |
| 45.465- 45.595 | 748                              | 28646                                    | 52.245- 52.295 | 792                              | 33838                                    |
| 45.735- 45.870 | 757                              | 28851                                    | 52.305- 52.390 | 795                              | 33899                                    |
| 45.880- 45.980 | 756                              | 28947                                    | 52.425- 52.530 | 792                              | 34002                                    |
| 45.985- 46.115 | 766                              | 29038                                    | 52.535- 52.660 | 807                              | 34098                                    |
| 46.190- 46.280 | 754                              | 29179                                    | 52.690- 52.780 | 774                              | 34207                                    |
| 46.410- 46.505 | 764                              | 29348                                    | 52.780- 52.850 | 795                              | 34270                                    |
| 46.505- 46.585 | 763                              | 29415                                    | 52.915- 53.015 | 791                              | 34389                                    |
| 46.590- 46.635 | 776                              | 29467                                    | 53.015- 53.100 | 791                              | 34462                                    |
| 46.645- 46.685 | 770                              | 29508                                    | 53.110- 53.185 | 797                              | 34533                                    |
| 46.695- 46.820 | 766                              | 29579                                    | 53.230- 53.265 | 780                              | 34612                                    |
| 46.960- 47.025 | 769                              | 29759                                    | 53.295- 53.420 | 785                              | 34698                                    |
| 47.035- 47.120 | 777                              | 29825                                    | 53.420- 53.485 | 780                              | 34772                                    |
| 47.195- 47.265 | 761                              | 29942                                    | 53.550- 53.720 | 787                              | 34915                                    |
| 47.350- 47.445 | 777                              | 30071                                    | 53.720- 53.850 | 791                              | 35033                                    |
| 47.455- 47.505 | 761                              | 30134                                    | 53.925- 54.080 | 812                              | 35207                                    |
| 47.515- 47.580 | 769                              | 30186                                    | 54.090- 54.135 | 792                              | 35295                                    |
| 47.590- 47.655 | 763                              | 30243                                    | 54.145- 54.315 | 794                              | 35388                                    |
| 47.665- 47.860 | 770                              | 30350                                    | 54.375- 54.465 | 798                              | 35539                                    |
| 47.900- 47.990 | 760                              | 30490                                    | 54.500- 54.560 | 799                              | 35627                                    |
| 48.055- 48.190 | 759                              | 30625                                    | 54.570- 54.635 | 159                              | 35662                                    |
| 48.200- 48.265 | 772                              | 30709                                    | 54.635- 54.760 | 798                              | 35707                                    |
| 48.275- 48.435 | 754                              | 30802                                    | 54.775- 54.855 | 811                              | 35802                                    |
| 48.570- 48.665 | 773                              | 31002                                    | 54.855- 54.925 | 799                              | 35862                                    |
| 48.685- 48.745 | 789                              | 31078                                    | 54.950- 55.040 | 786                              | 35945                                    |
| 48.775- 48.855 | 771                              | 31156                                    | 55.050- 55.170 | 780                              | 36035                                    |
| 48.865- 48.930 | 767                              | 31219                                    | 55.240- 55.300 | 805                              | 36162                                    |
| 48.975- 49.035 | 766                              | 31301                                    | 55.300- 55.385 | 724                              | 36217                                    |
| 49.040- 49.180 | 776                              | 31382                                    | 55.405- 55.480 | 807                              | 36294                                    |
| 49.180- 49.355 | 772                              | 31504                                    | 55.470- 55.550 | 811                              | 36349                                    |
| 49.365- 49.415 | 761                              | 31598                                    | 55.550- 55.685 | 808                              | 36436                                    |
| 49.425- 49.535 | 745                              | 31666                                    | 55.695- 55.795 | 811                              | 36539                                    |
| 49.545- 49.650 | 775                              | 31755                                    | 55.795- 55.895 | 821                              | 36621                                    |
| 49.715- 49.830 | 774                              | 31891                                    | 55.925- 56.025 | 793                              | 36726                                    |
| 49.840- 49.930 | 779                              | 31978                                    | 56.080- 56.155 | 815                              | 36841                                    |
| 49.975- 50.075 | 745                              | 32085                                    | 56.240- 56.355 | 972                              | 37002                                    |
| 50.100- 50.180 | 786                              | 32173                                    | 56.355- 56.445 | 800                              | 37093                                    |
| 50.215- 50.340 | 785                              | 32281                                    | 56.465- 56.525 | 801                              | 37169                                    |
| 50.340- 50.455 | 778                              | 32375                                    | 56.535- 56.635 | 813                              | 37242                                    |

| Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|----------------|----------------------------------|--|----------------|----------------------------------|--|
| 56.755- 56.860 | 790                              | 37420                                    | 63.490- 63.530 | 827                              | 42852                                    |
| 56.870- 56.910 | 794                              | 37485                                    | 63.590- 63.680 | 835                              | 42956                                    |
| 56.955- 57.090 | 816                              | 37592                                    | 63.695- 63.785 | 842                              | 43044                                    |
| 57.090- 57.145 | 813                              | 37669                                    | 63.785- 63.905 | 844                              | 43133                                    |
| 57.150- 57.245 | 811                              | 37734                                    | 64.015- 64.075 | 836                              | 43301                                    |
| 57.375- 57.425 | 804                              | 37898                                    | 64.085- 64.200 | 858                              | 43384                                    |
| 57.425- 57.555 | 795                              | 37970                                    | 64.260- 64.355 | 832                              | 43523                                    |
| 57.595- 57.680 | 817                              | 38089                                    | 64.405- 64.445 | 836                              | 43621                                    |
| 57.735- 57.845 | 800                              | 38212                                    | 64.490- 64.565 | 845                              | 43707                                    |
| 57.865- 57.915 | 799                              | 38292                                    | 64.575- 64.730 | 829                              | 43812                                    |
| 57.995- 58.125 | 803                              | 38428                                    | 64.755- 64.790 | 801                              | 43910                                    |
| 58.170- 58.345 | 812                              | 38587                                    | 64.790- 64.860 | 848                              | 43953                                    |
| 58.375- 58.520 | 819                              | 38742                                    | 64.870- 64.960 | 823                              | 44028                                    |
| 58.595- 58.650 | 794                              | 38883                                    | 65.025- 65.125 | 823                              | 44160                                    |
| 58.655- 58.755 | 806                              | 38949                                    | 65.240- 65.285 | 828                              | 44315                                    |
| 58.890- 58.970 | 808                              | 39131                                    | 65.290- 65.315 | 827                              | 44348                                    |
| 58.980- 59.065 | 813                              | 39206                                    | 65.395- 65.460 | 822                              | 44451                                    |
| 59.075- 59.200 | 805                              | 39299                                    | 65.560- 65.610 | 826                              | 44581                                    |
| 59.215- 59.320 | 807                              | 39404                                    | 65.615- 65.680 | 810                              | 44632                                    |
| 59.325- 59.435 | 804                              | 39495                                    | 65.735- 65.800 | 837                              | 44731                                    |
| 59.465- 59.575 | 809                              | 39608                                    | 65.845- 65.970 | 841                              | 44848                                    |
| 59.585- 59.680 | 799                              | 39698                                    | 66.030- 66.095 | 813                              | 44976                                    |
| 59.725- 59.795 | 819                              | 39801                                    | 66.110- 66.210 | 846                              | 45057                                    |
| 59.840- 59.895 | 799                              | 39888                                    | 66.325- 66.395 | 826                              | 45224                                    |
| 59.905- 59.955 | 786                              | 39938                                    | 66.400- 66.445 | 859                              | 45277                                    |
| 59.965- 60.060 | 784                              | 40003                                    | 66.485- 66.565 | 837                              | 45364                                    |
| 60.060- 60.110 | 823                              | 40061                                    | 66.565- 66.640 | 815                              | 45428                                    |
| 60.180- 60.245 | 777                              | 40163                                    | 66.645- 66.755 | 848                              | 45509                                    |
| 60.275- 60.355 | 817                              | 40245                                    | 66.775- 66.830 | 845                              | 45596                                    |
| 60.395- 60.450 | 810                              | 40332                                    | 66.930- 66.985 | 846                              | 45727                                    |
| 60.455- 60.610 | 804                              | 40421                                    | 67.050- 67.135 | 837                              | 45841                                    |
| 60.630- 60.755 | 809                              | 40550                                    | 67.235- 67.330 | 858                              | 46002                                    |
| 60.765- 60.805 | 805                              | 40625                                    | 67.425- 67.495 | 862                              | 46155                                    |
| 60.805- 60.965 | 814                              | 40706                                    | 67.425- 67.495 | 862                              | 46155                                    |
| 60.975- 61.090 | 813                              | 40826                                    | 67.605- 67.720 | 837                              | 46327                                    |
| 61.160- 61.235 | 817                              | 40960                                    | 67.830- 67.890 | 853                              | 46494                                    |
| 61.360- 61.480 | 828                              | 41143                                    | 67.960- 68.060 | 838                              | 46621                                    |
| 61.495- 61.575 | 791                              | 41236                                    | 68.085- 68.180 | 840                              | 46724                                    |
| 61.600- 61.650 | 828                              | 41309                                    | 68.325- 68.440 | 858                              | 46936                                    |
| 61.650- 61.735 | 817                              | 41365                                    | 68.475- 68.535 | 858                              | 47041                                    |
| 61.770- 61.835 | 814                              | 41455                                    | 68.565- 68.625 | 835                              | 47117                                    |
| 61.860- 61.905 | 804                              | 41520                                    | 68.635- 68.690 | 855                              | 47174                                    |
| 61.970- 62.075 | 796                              | 41632                                    | 68.750- 68.850 | 856                              | 47292                                    |
| 62.150- 62.235 | 808                              | 41768                                    | 68.910- 68.945 | 846                              | 47401                                    |
| 62.245- 62.305 | 823                              | 41835                                    | 69.020- 69.110 | 850                              | 47518                                    |
| 62.355- 62.395 | 806                              | 41916                                    | 69.215- 69.260 | 848                              | 47664                                    |
| 62.405- 62.500 | 814                              | 41979                                    | 69.270- 69.360 | 835                              | 47729                                    |
| 62.535- 62.630 | 846                              | 42087                                    | 69.450- 69.545 | 852                              | 47883                                    |
| 62.700- 62.820 | 814                              | 42234                                    | 69.620- 69.705 | 837                              | 48022                                    |
| 62.875- 62.915 | 793                              | 42342                                    | 69.780- 69.830 | 840                              | 48141                                    |
| 62.925- 62.950 | 845                              | 42377                                    | 69.910- 69.990 | 847                              | 48263                                    |
| 62.960- 63.045 | 820                              | 42431                                    | 70.080- 70.145 | 846                              | 48401                                    |
| 63.160- 63.205 | 840                              | 42580                                    | 70.145- 70.245 | 845                              | 48471                                    |
| 63.215- 63.340 | 830                              | 42659                                    | 70.315- 70.380 | 853                              | 48600                                    |
| 63.370- 63.455 | 834                              | 42771                                    | 70.480- 70.520 | 841                              | 48729                                    |
|                |                                  |  | 70.695- 70.790 | 846                              | 48934                                    |

| Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)   | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|----------------|----------------------------------|--|----------------|----------------------------------|--|
| 70.880- 70.985 | 844                              | 49095                                    | 78.525- 78.585 | 878                              | 55651                                    |
| 70.995- 71.095 | 849                              | 49190                                    | 78.605- 78.690 | 878                              | 55732                                    |
| 71.150- 71.245 | 858                              | 49320                                    | 78.770- 78.885 | 879                              | 55890                                    |
| 71.345- 71.445 | 870                              | 49491                                    | 78.935- 79.030 | 872                              | 56026                                    |
| 71.495- 71.565 | 859                              | 49608                                    | 79.080- 79.145 | 883                              | 56140                                    |
| 71.615- 71.690 | 854                              | 49713                                    | 79.240- 79.305 | 875                              | 56281                                    |
| 71.690- 71.795 | 849                              | 49790                                    | 79.395- 79.505 | 878                              | 56437                                    |
| 71.830- 71.920 | 846                              | 49902                                    | 79.515- 79.625 | 872                              | 56542                                    |
| 72.000- 72.085 | 864                              | 50045                                    | 79.645- 79.715 | 876                              | 56638                                    |
| 72.165- 72.195 | 833                              | 50162                                    | 79.810- 79.865 | 849                              | 56774                                    |
| 72.205- 72.295 | 847                              | 50221                                    | 79.935- 80.000 | 869                              | 56886                                    |
| 72.305- 72.390 | 864                              | 50304                                    | 80.015- 80.085 | 875                              | 56958                                    |
| 72.500- 72.595 | 848                              | 50475                                    | 80.105- 80.220 | 867                              | 57056                                    |
| 72.625- 72.685 | 862                              | 50567                                    | 80.275- 80.335 | 684                              | 57167                                    |
| 72.770- 72.870 | 870                              | 50710                                    | 80.495- 80.550 | 809                              | 57329                                    |
| 72.915- 73.010 | 868                              | 50834                                    | 80.630- 80.685 | 868                              | 57442                                    |
| 73.015- 73.105 | 853                              | 50918                                    | 80.960- 81.005 | 871                              | 57725                                    |
| 73.135- 73.230 | 846                              | 51022                                    | 81.070- 81.125 | 874                              | 57825                                    |
| 73.365- 73.455 | 865                              | 51217                                    | 81.130- 81.215 | 681                              | 57883                                    |
| 73.570- 73.605 | 853                              | 51369                                    | 81.245- 81.290 | 865                              | 57956                                    |
| 73.675- 73.775 | 847                              | 51486                                    | 81.345- 81.450 | 878                              | 58069                                    |
| 73.835- 73.875 | 856                              | 51597                                    | 81.480- 81.530 | 872                              | 58163                                    |
| 73.885- 73.965 | 860                              | 51657                                    | 81.640- 81.700 | 877                              | 58307                                    |
| 74.015- 74.105 | 856                              | 51773                                    | 81.775- 81.810 | 868                              | 58414                                    |
| 74.165- 74.255 | 838                              | 51900                                    | 81.875- 81.945 | 875                              | 58516                                    |
| 74.350- 74.410 | 862                              | 52045                                    | 81.985- 82.055 | 877                              | 58612                                    |
| 74.475- 74.545 | 865                              | 52157                                    | 82.110- 82.175 | 878                              | 58719                                    |
| 74.595- 74.680 | 859                              | 52267                                    | 82.255- 82.300 | 861                              | 58836                                    |
| 74.810- 74.900 | 845                              | 52452                                    | 82.375- 82.435 | 877                              | 58947                                    |
| 74.970- 75.050 | 856                              | 52584                                    | 82.500- 82.585 | 881                              | 59068                                    |
| 75.085- 75.175 | 843                              | 52686                                    | 82.595- 82.665 | 872                              | 59145                                    |
| 75.295- 75.385 | 855                              | 52864                                    | 82.755- 82.780 | 876                              | 59265                                    |
| 75.490- 75.595 | 861                              | 53038                                    | 82.830- 82.910 | 879                              | 59355                                    |
| 75.715- 75.810 | 863                              | 53228                                    | 82.985- 83.035 | 873                              | 59478                                    |
| 75.835- 75.935 | 865                              | 53334                                    | 83.050- 83.120 | 877                              | 59544                                    |
| 75.940- 76.015 | 858                              | 53414                                    | 83.180- 83.275 | 884                              | 59669                                    |
| 76.115- 76.185 | 870                              | 53563                                    | 83.370- 83.450 | 878                              | 59830                                    |
| 76.240- 76.315 | 875                              | 53674                                    | 83.475- 83.525 | 884                              | 59909                                    |
| 76.320- 76.405 | 868                              | 53748                                    | 83.530- 83.620 | 894                              | 59976                                    |
| 76.445- 76.525 | 869                              | 53854                                    | 83.665- 83.730 | 872                              | 60084                                    |
| 76.540- 76.605 | 850                              | 53929                                    | 83.800- 83.860 | 879                              | 60200                                    |
| 76.660- 76.755 | 874                              | 54045                                    | 83.920- 83.975 | 888                              | 60304                                    |
| 76.820- 76.875 | 871                              | 54167                                    | 83.985- 84.040 | 887                              | 60362                                    |
| 76.955- 77.020 | 872                              | 54289                                    | 84.070- 84.105 | 877                              | 60428                                    |
| 77.020- 77.105 | 872                              | 54354                                    | 84.205- 84.260 | 861                              | 60554                                    |
| 77.195- 77.310 | 853                              | 54518                                    | 84.285- 84.375 | 879                              | 60639                                    |
| 77.325- 77.385 | 867                              | 54606                                    | 84.445- 84.500 | 802                              | 60759                                    |
| 77.390- 77.460 | 866                              | 54667                                    | 84.505- 84.575 | 861                              | 60815                                    |
| 77.565- 77.650 | 862                              | 54825                                    | 84.615- 84.665 | 873                              | 60902                                    |
| 77.650- 77.710 | 872                              | 54888                                    | 84.715- 84.765 | 880                              | 60990                                    |
| 77.750- 77.815 | 876                              | 54978                                    | 84.815- 84.915 | 871                              | 61099                                    |
| 77.875- 77.975 | 871                              | 55102                                    | 85.030- 85.105 | 884                              | 61277                                    |
| 78.095- 78.180 | 874                              | 55287                                    | 85.120- 85.180 | 890                              | 61350                                    |
| 78.265- 78.375 | 873                              | 55446                                    | 85.190- 85.265 | 875                              | 61418                                    |
| 78.435- 78.510 | 868                              | 55579                                    | 85.315- 85.385 | 882                              | 61526                                    |

| Depth<br>(m)          | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)           | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|-----------------------|----------------------------------|--|------------------------|----------------------------------|--|
| 85.455- 85.495        | 872                              | 61636                                    | 93.750- 93.875         | 905                              | 69011                                    |
| 85.555- 85.650        | 887                              | 61748                                    | 93.915- 93.980         | 896                              | 69133                                    |
| 85.685- 85.760        | 886                              | 61854                                    | <u>93.990- 94.105</u>  | <u>885</u>                       | <u>69222</u>                             |
| 85.800- 85.890        | 879                              | 61962                                    | 94.170- 94.225         | 889                              | 69355                                    |
| <u>85.920- 85.990</u> | <u>889</u>                       | <u>62059</u>                             | 94.235- 94.340         | 901                              | 69436                                    |
| 86.085- 86.150        | 890                              | 62204                                    | 94.350- 94.435         | 888                              | 69530                                    |
| 86.245- 86.320        | 891                              | 62351                                    | 94.505- 94.605         | 882                              | 69674                                    |
| 86.410- 86.485        | 880                              | 62497                                    | 94.635- 94.765         | 901                              | 69803                                    |
| 86.565- 86.675        | 891                              | 62650                                    | 94.825- 94.940         | 895                              | 69967                                    |
| 86.820- 86.905        | 886                              | 62865                                    | <u>94.990- 95.075</u>  | <u>889</u>                       | <u>70101</u>                             |
| <u>86.955- 87.050</u> | <u>898</u>                       | <u>62990</u>                             | 95.110- 95.155         | 894                              | 70190                                    |
| 87.065- 87.155        | 882                              | 63086                                    | 95.165- 95.225         | 884                              | 70246                                    |
| 87.250- 87.355        | 892                              | 63257                                    | 95.270- 95.370         | 874                              | 70356                                    |
| 87.430- 87.505        | 880                              | 63403                                    | 95.415- 95.480         | 878                              | 70468                                    |
| 87.720- 87.830        | 876                              | 63673                                    | 95.535- 95.625         | 870                              | 70584                                    |
| 87.835- 87.920        | 874                              | 63763                                    | 95.765- 95.815         | 887                              | 70768                                    |
| <u>87.995- 88.085</u> | <u>868</u>                       | <u>63905</u>                             | <u>95.890- 95.965</u>  | <u>886</u>                       | <u>70890</u>                             |
| 88.205- 88.325        | 884                              | 64102                                    | 96.025- 96.085         | 887                              | 71003                                    |
| 88.420- 88.500        | <del>889</del>                   | 64275                                    | 96.090- 96.150         | 890                              | 71061                                    |
| 88.525- 88.600        | 876                              | 64365                                    | 96.270- 96.350         | 895                              | 71231                                    |
| 88.675- 88.795        | 884                              | 64517                                    | 96.415- 96.475         | 896                              | 71352                                    |
| 88.845- 88.910        | 886                              | 64643                                    | 96.655- 96.715         | 895                              | 71567                                    |
| <u>88.940- 89.025</u> | <u>891</u>                       | <u>64736</u>                             | 96.720- 96.825         | 898                              | 71645                                    |
| 89.100- 89.185        | 880                              | 64878                                    | <u>96.900- 96.970</u>  | <u>893</u>                       | <u>71791</u>                             |
| 89.245- 89.325        | 895                              | 65004                                    | 97.090- 97.190         | 901                              | 71975                                    |
| 89.420- 89.510        | 892                              | 65165                                    | 97.270- 97.335         | 892                              | 72121                                    |
| 89.580- 89.655        | 891                              | 65301                                    | 97.370- 97.460         | 883                              | 72221                                    |
| 89.740- 89.825        | 890                              | 65448                                    | 97.540- 97.630         | 901                              | 72373                                    |
| <u>89.885- 89.965</u> | <u>886</u>                       | <u>65575</u>                             | 97.655- 97.715         | 895                              | 72463                                    |
| 90.030- 90.085        | 878                              | 65692                                    | 97.755- 97.830         | 887                              | 72559                                    |
| 90.175- 90.235        | 894                              | 65823                                    | <u>97.925- 98.005</u>  | <u>892</u>                       | <u>72712</u>                             |
| 90.295- 90.355        | 886                              | 65930                                    | 98.110- 98.175         | 898                              | 72871                                    |
| 90.385- 90.465        | 885                              | 66019                                    | 98.200- 98.270         | 890                              | 72954                                    |
| 90.500- 90.555        | 868                              | 66109                                    | 98.350- 98.420         | 896                              | 73088                                    |
| 90.670- 90.785        | 875                              | 66283                                    | 98.450- 98.540         | 901                              | 73187                                    |
| <u>90.850- 90.950</u> | <u>892</u>                       | <u>66435</u>                             | 98.640- 98.720         | 890                              | 73353                                    |
| 91.025- 91.120        | 884                              | 66588                                    | 98.805- 98.900         | 900                              | 73507                                    |
| 91.170- 91.235        | 894                              | 66704                                    | <u>98.945- 99.030</u>  | <u>901</u>                       | <u>73629</u>                             |
| 91.330- 91.420        | 891                              | 66858                                    | 99.100- 99.195         | 895                              | 73773                                    |
| 91.530- 91.625        | 887                              | 67038                                    | 99.260- 99.340         | 898                              | 73910                                    |
| 91.715- 91.785        | 888                              | 67191                                    | 99.415- 99.485         | 905                              | 74045                                    |
| 91.830- 91.935        | 908                              | 67310                                    | 99.515- 99.635         | 905                              | 74158                                    |
| <u>91.940- 92.000</u> | <u>881</u>                       | <u>67388</u>                             | 99.750- 99.860         | 905                              | 74366                                    |
| 92.050- 92.145        | 886                              | 67501                                    | 99.870- 99.950         | 901                              | 74461                                    |
| 92.220- 92.325        | 751                              | 67644                                    | <u>99.965-100.035</u>  | <u>897</u>                       | <u>74542</u>                             |
| 92.350- 92.420        | 882                              | 67736                                    | 100.080-100.155        | 895                              | 74647                                    |
| 92.600- 92.680        | 904                              | 67964                                    | 100.235-100.305        | 905                              | 74784                                    |
| 92.730- 92.800        | 884                              | 68076                                    | 100.465-100.530        | 897                              | 74989                                    |
| 92.815- 92.865        | 888                              | 68142                                    | 100.615-100.685        | 890                              | 75125                                    |
| <u>92.920- 92.995</u> | <u>884</u>                       | <u>68246</u>                             | 100.780-100.830        | 889                              | 75263                                    |
| 93.055- 93.140        | 901                              | 68371                                    | <u>100.905-100.990</u> | <u>899</u>                       | <u>75390</u>                             |
| 93.145- 93.235        | 900                              | 68454                                    | 101.090-101.170        | 899                              | 75554                                    |
| 93.285- 93.335        | 892                              | 68562                                    | 101.320-101.395        | 904                              | 75759                                    |
| 93.385- 93.460        | 900                              | 68663                                    | 101.530-101.630        | 906                              | 75960                                    |
| 93.540- 93.615        | 884                              | 68801                                    | 101.745-101.835        | 906                              | 76150                                    |



| Depth<br>(m)    | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) | Depth<br>(m)    | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |
|-----------------|----------------------------------|--|-----------------|----------------------------------|--|
| 101.985-102.065 | 895                              | 76362                                    | 110.825-110.930 | 902                              | 84301                                    |
| 102.135-102.195 | 886                              | 76487                                    | 110.955-111.025 | 903                              | 84403                                    |
| 102.315-102.375 | 886                              | 76646                                    | 111.120-111.195 | 890                              | 84553                                    |
| 102.385-102.450 | 897                              | 76711                                    | 111.310-111.420 | 919                              | 84741                                    |
| 102.560-102.655 | 878                              | 76880                                    | 111.540-111.610 | 906                              | 84933                                    |
| 102.690-102.775 | 877                              | 76990                                    | 111.685-111.795 | 901                              | 85082                                    |
| 103.065-103.130 | 884                              | 77311                                    | 111.950-112.000 | 905                              | 85294                                    |
| 103.195-103.305 | 884                              | 77446                                    | 112.050-112.150 | 917                              | 85408                                    |
| 103.430-103.525 | 884                              | 77647                                    | 112.310-112.375 | 905                              | 85629                                    |
| 103.770-103.885 | 870                              | 77954                                    | 112.465-112.530 | 905                              | 85769                                    |
| 103.955-104.030 | 905                              | 78100                                    | 112.570-112.635 | 902                              | 85864                                    |
| 104.100-104.180 | 900                              | 78233                                    | 112.770-112.875 | 894                              | 86062                                    |
| 104.300-104.390 | 902                              | 78418                                    | 112.975-113.075 | 911                              | 86245                                    |
| 104.505-104.550 | 898                              | 78582                                    | 113.095-113.155 | 901                              | 86336                                    |
| 104.630-104.715 | 900                              | 78712                                    | 113.180-113.245 | 903                              | 86415                                    |
| 104.820-104.870 | 900                              | 78867                                    | 113.275-113.385 | 890                              | 86520                                    |
| 104.955-105.015 | 895                              | 78993                                    | 113.430-113.530 | 893                              | 86654                                    |
| 105.055-105.160 | 900                              | 79103                                    | 113.650-113.730 | 912                              | 86844                                    |
| 105.240-105.295 | 908                              | 79248                                    | 113.810-113.870 | 910                              | 86981                                    |
| 105.360-105.450 | 898                              | 79372                                    | 113.960-114.040 | 902                              | 87126                                    |
| 105.505-105.550 | 898                              | 79482                                    | 114.120-114.205 | 911                              | 87273                                    |
| 105.635-105.705 | 896                              | 79610                                    | 114.330-114.440 | 906                              | 87475                                    |
| 105.715-105.790 | 897                              | 79684                                    | 114.535-114.600 | 895                              | 87639                                    |
| 105.825-105.905 | 905                              | 79785                                    | 114.695-114.770 | 900                              | 87787                                    |
| 105.905-105.980 | 901                              | 79855                                    | 114.880-114.940 | 902                              | 87947                                    |
| 105.980-106.060 | 905                              | 79925                                    | 114.965-115.055 | 907                              | 88037                                    |
| 106.125-106.180 | 907                              | 80045                                    | 115.185-115.295 | 906                              | 88245                                    |
| 106.265-106.335 | 912                              | 80179                                    | 115.400-115.500 | 900                              | 88435                                    |
| 106.415-106.500 | 904                              | 80322                                    | 115.620-115.745 | 889                              | 88643                                    |
| 106.575-106.620 | 900                              | 80448                                    | 115.820-115.890 | 893                              | 88797                                    |
| 106.810-106.915 | 901                              | 80687                                    | 115.975-116.075 | 879                              | 88948                                    |
| 107.015-107.105 | 891                              | 80864                                    | 116.150-116.205 | 906                              | 89084                                    |
| 107.240-107.295 | 884                              | 81048                                    | 116.335-116.435 | 893                              | 89271                                    |
| 107.325-107.405 | 891                              | 81135                                    | 116.510-116.600 | 907                              | 89424                                    |
| 107.485-107.585 | 907                              | 81288                                    | 116.635-116.710 | 903                              | 89530                                    |
| 107.620-107.700 | 892                              | 81400                                    | 116.825-116.905 | 905                              | 89704                                    |
| 107.795-107.865 | 900                              | 81552                                    | 117.025-117.120 | 904                              | 89892                                    |
| 107.900-107.980 | 887                              | 81650                                    | 117.265-117.365 | 910                              | 90112                                    |
| 108.055-108.155 | 905                              | 81798                                    | 117.475-117.530 | 903                              | 90282                                    |
| 108.210-108.300 | 866                              | 81931                                    | 117.710-117.800 | 906                              | 90510                                    |
| 108.325-108.385 | 904                              | 82020                                    | 117.950-118.045 | 913                              | 90731                                    |
| 108.505-108.590 | 908                              | 82194                                    | 118.120-118.175 | 905                              | 90867                                    |
| 108.650-108.725 | 901                              | 82321                                    | 118.235-118.305 | 903                              | 90978                                    |
| 108.805-108.895 | 909                              | 82468                                    | 118.405-118.475 | 900                              | 91131                                    |
| 109.100-109.200 | 908                              | 82741                                    | 118.565-118.660 | 882                              | 91285                                    |
| 109.205-109.300 | 901                              | 82834                                    | 118.800-118.865 | 887                              | 91480                                    |
| 109.355-109.435 | 908                              | 82963                                    | 118.925-119.020 | 905                              | 91605                                    |
| 109.585-109.680 | 909                              | 83179                                    | 119.110-119.205 | 905                              | 91772                                    |
| 109.785-109.885 | 897                              | 83362                                    | 119.310-119.405 | 906                              | 91953                                    |
| 109.925-109.975 | 904                              | 83466                                    | 119.515-119.610 | 904                              | 92139                                    |
| 110.105-110.195 | 898                              | 83646                                    | 119.645-119.700 | 905                              | 92238                                    |
| 110.205-110.325 | 905                              | 83750                                    | 119.815-119.895 | 898                              | 92403                                    |
| 110.380-110.460 | 898                              | 83890                                    | 119.975-120.040 | 911                              | 92541                                    |
| 110.555-110.645 | 896                              | 84051                                    | 120.185-120.275 | 907                              | 92746                                    |
| 110.705-110.800 | 899                              | 84188                                    | 120.345-120.455 | 881                              | 92895                                    |

| Depth<br>(m)    | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |  |  |  |
|-----------------|----------------------------------|--|--|--|--|
| 120.465-120.545 | 913                              | 92989                                    |  |  |  |
| 120.600-120.650 | 895                              | 93097                                    |  |  |  |
| 120.735-120.820 | 902                              | 93234                                    |  |  |  |
| 120.845-120.935 | 907                              | 93336                                    |  |  |  |
| 120.990-121.100 | 892                              | 93475                                    |  |  |  |
| 121.175-121.240 | 907                              | 93621                                    |  |  |  |
| 121.540-121.615 | 892                              | 93954                                    |  |  |  |
| 121.675-121.770 | 909                              | 94085                                    |  |  |  |
| 121.810-121.870 | 899                              | 94191                                    |  |  |  |
| 121.980-122.075 | 903                              | 94360                                    |  |  |  |
| 122.085-122.180 | 910                              | 94455                                    |  |  |  |
| 122.285-122.375 | 912                              | 94635                                    |  |  |  |
| 122.475-122.555 | 913                              | 94804                                    |  |  |  |
| 122.695-122.765 | 896                              | 94998                                    |  |  |  |
| 122.910-123.010 | 917                              | 95207                                    |  |  |  |
| 123.145-123.235 | 908                              | 95417                                    |  |  |  |
| 123.295-123.365 | 898                              | 95543                                    |  |  |  |
| 123.435-123.535 | 910                              | 95683                                    |  |  |  |
| 123.725-123.790 | 909                              | 95931                                    |  |  |  |
| 123.870-123.985 | 911                              | 96086                                    |  |  |  |
| 124.090-124.200 | 912                              | 96284                                    |  |  |  |
| 124.240-124.310 | 912                              | 96403                                    |  |  |  |
| 124.415-124.480 | 909                              | 96560                                    |  |  |  |
| 124.535-124.615 | 913                              | 96676                                    |  |  |  |
| 124.735-124.855 | 910                              | 96877                                    |  |  |  |
| 124.955-125.045 | 907                              | 97063                                    |  |  |  |
| 125.095-125.175 | 909                              | 97186                                    |  |  |  |
| 125.295-125.340 | 904                              | 97351                                    |  |  |  |
| 125.370-125.450 | 905                              | 97435                                    |  |  |  |
| 125.525-125.575 | 907                              | 97562                                    |  |  |  |
| 125.695-125.775 | 912                              | 97730                                    |  |  |  |
| 125.850-125.935 | 903                              | 97873                                    |  |  |  |
| 126.055-126.150 | 903                              | 98063                                    |  |  |  |
| 126.265-126.320 | 898                              | 98234                                    |  |  |  |
| 126.360-126.425 | 912                              | 98325                                    |  |  |  |
| 126.450-126.540 | 915                              | 98419                                    |  |  |  |
| 126.640-126.735 | 900                              | 98594                                    |  |  |  |
| 126.825-126.930 | 912                              | 98766                                    |  |  |  |
| 127.050-127.115 | 908                              | 98953                                    |  |  |  |
| 127.195-127.270 | 914                              | 99090                                    |  |  |  |
| 127.305-127.365 | 908                              | 99183                                    |  |  |  |
| 127.450-127.545 | 915                              | 99331                                    |  |  |  |
| 127.600-127.655 | 919                              | 99450                                    |  |  |  |

Table 2. Average density and cumulative mass per unit area for 1 m increments from the surface to 127.655 m, calculated from Table 1.

| Depth (m)      | Density (kg.m <sup>-3</sup> ) | Cumulative mass (kg.m <sup>-2</sup> ) | Depth (m)       | Density (kg.m <sup>-3</sup> ) | Cumulative mass (kg.m <sup>-2</sup> ) |
|----------------|-------------------------------|---------------------------------------|-----------------|-------------------------------|---------------------------------------|
| 0.000- 1.000   | 419                           | 419                                   | 55.000- 56.000  | 796                           | 36704                                 |
| 1.000- 2.000   | 438                           | 857                                   | 56.000- 57.000  | 826                           | 37530                                 |
| 2.000- 3.000   | 495                           | 1352                                  | 57.000- 58.000  | 807                           | 38337                                 |
| 3.000- 4.000   | 490                           | 1842                                  | 58.000- 59.000  | 807                           | 39144                                 |
| 4.000- 5.000   | 510                           | 2352                                  | 59.000- 60.000  | 805                           | 39949                                 |
| 5.000- 6.000   | 526                           | 2878                                  | 60.000- 61.000  | 805                           | 40754                                 |
| 6.000- 7.000   | 544                           | 3422                                  | 61.000- 62.000  | 814                           | 41568                                 |
| 7.000- 8.000   | 543                           | 3965                                  | 62.000- 63.000  | 816                           | 42384                                 |
| 8.000- 9.000   | 576                           | 4541                                  | 63.000- 64.000  | 834                           | 43218                                 |
| 9.000- 10.000  | 599                           | 5140                                  | 64.000- 65.000  | 834                           | 44052                                 |
| 10.000- 11.000 | 596                           | 5736                                  | 65.000- 66.000  | 827                           | 44879                                 |
| 11.000- 12.000 | 585                           | 6321                                  | 66.000- 67.000  | 837                           | 45716                                 |
| 12.000- 13.000 | 589                           | 6910                                  | 67.000- 68.000  | 849                           | 46565                                 |
| 13.000- 14.000 | 589                           | 7499                                  | 68.000- 69.000  | 848                           | 47413                                 |
| 14.000- 15.000 | 609                           | 8108                                  | 69.000- 70.000  | 844                           | 48257                                 |
| 15.000- 16.000 | 629                           | 8737                                  | 70.000- 71.000  | 846                           | 49103                                 |
| 16.000- 17.000 | 616                           | 9353                                  | 71.000- 72.000  | 855                           | 49958                                 |
| 17.000- 18.000 | 614                           | 9967                                  | 72.000- 73.000  | 857                           | 50815                                 |
| 18.000- 19.000 | 633                           | 10600                                 | 73.000- 74.000  | 854                           | 51669                                 |
| 19.000- 20.000 | 632                           | 11232                                 | 74.000- 75.000  | 854                           | 52523                                 |
| 20.000- 21.000 | 631                           | 11863                                 | 75.000- 76.000  | 857                           | 53380                                 |
| 21.000- 22.000 | 635                           | 12498                                 | 76.000- 77.000  | 869                           | 54249                                 |
| 22.000- 23.000 | 645                           | 13143                                 | 77.000- 78.000  | 867                           | 55116                                 |
| 23.000- 24.000 | 650                           | 13793                                 | 78.000- 79.000  | 875                           | 55991                                 |
| 24.000- 25.000 | 646                           | 14439                                 | 79.000- 80.000  | 872                           | 56863                                 |
| 25.000- 26.000 | 648                           | 15087                                 | 80.000- 81.000  | 829                           | 57692                                 |
| 26.000- 27.000 | 655                           | 15742                                 | 81.000- 82.000  | 849                           | 58541                                 |
| 27.000- 28.000 | 649                           | 16391                                 | 82.000- 83.000  | 875                           | 59416                                 |
| 28.000- 29.000 | 656                           | 17047                                 | 83.000- 84.000  | 881                           | 60297                                 |
| 29.000- 30.000 | 654                           | 17701                                 | 84.000- 85.000  | 866                           | 61163                                 |
| 30.000- 31.000 | 662                           | 18363                                 | 85.000- 86.000  | 883                           | 62046                                 |
| 31.000- 32.000 | 664                           | 19027                                 | 86.000- 87.000  | 888                           | 62934                                 |
| 32.000- 33.000 | 678                           | 19705                                 | 87.000- 88.000  | 884                           | 63818                                 |
| 33.000- 34.000 | 682                           | 20387                                 | 88.000- 89.000  | 883                           | 64701                                 |
| 34.000- 35.000 | 692                           | 21079                                 | 89.000- 90.000  | 889                           | 65590                                 |
| 35.000- 36.000 | 685                           | 21764                                 | 90.000- 91.000  | 883                           | 66473                                 |
| 36.000- 37.000 | 651                           | 22415                                 | 91.000- 92.000  | 890                           | 67363                                 |
| 37.000- 38.000 | 697                           | 23112                                 | 92.000- 93.000  | 868                           | 68231                                 |
| 38.000- 39.000 | 706                           | 23818                                 | 93.000- 94.000  | 897                           | 69128                                 |
| 39.000- 40.000 | 712                           | 24530                                 | 94.000- 95.000  | 892                           | 70020                                 |
| 40.000- 41.000 | 726                           | 25256                                 | 95.000- 96.000  | 883                           | 70903                                 |
| 41.000- 42.000 | 726                           | 25982                                 | 96.000- 97.000  | 893                           | 71796                                 |
| 42.000- 43.000 | 737                           | 26719                                 | 97.000- 98.000  | 893                           | 72689                                 |
| 43.000- 44.000 | 740                           | 27459                                 | 98.000- 99.000  | 897                           | 73586                                 |
| 44.000- 45.000 | 746                           | 28205                                 | 99.000-100.000  | 901                           | 74487                                 |
| 45.000- 46.000 | 762                           | 28967                                 | 100.000-101.000 | 896                           | 75383                                 |
| 46.000- 47.000 | 766                           | 29733                                 | 101.000-102.000 | 904                           | 76287                                 |
| 47.000- 48.000 | 767                           | 30500                                 | 102.000-103.000 | 887                           | 77174                                 |
| 48.000- 49.000 | 769                           | 31269                                 | 103.000-104.000 | 885                           | 78059                                 |
| 49.000- 50.000 | 769                           | 32038                                 | 104.000-105.000 | 899                           | 78955                                 |
| 50.000- 51.000 | 773                           | 32811                                 | 105.000-106.000 | 900                           | 79858                                 |
| 51.000- 52.000 | 781                           | 33592                                 | 106.000-107.000 | 905                           | 80763                                 |
| 52.000- 53.000 | 794                           | 34386                                 | 107.000-108.000 | 893                           | 81656                                 |
| 53.000- 54.000 | 787                           | 35173                                 | 108.000-109.000 | 899                           | 82555                                 |
| 54.000- 55.000 | 735                           | 35908                                 | 109.000-110.000 | 905                           | 83460                                 |

| Depth<br>(m)    | Density<br>(kg.m <sup>-3</sup> ) | Cumulative mass<br>(kg.m <sup>-2</sup> ) |  |  |  |
|-----------------|----------------------------------|--|--|--|--|
| 110.000-111.000 | 900                              | 84360                                    |  |  |  |
| 111.000-112.000 | 904                              | 85264                                    |  |  |  |
| 112.000-113.000 | 905                              | 86169                                    |  |  |  |
| 113.000-114.000 | 903                              | 87072                                    |  |  |  |
| 114.000-115.000 | 903                              | 87975                                    |  |  |  |
| 115.000-116.000 | 899                              | 88874                                    |  |  |  |
| 116.000-117.000 | 899                              | 89773                                    |  |  |  |
| 117.000-118.000 | 907                              | 90680                                    |  |  |  |
| 118.000-119.000 | 897                              | 91577                                    |  |  |  |
| 119.000-120.000 | 904                              | 92481                                    |  |  |  |
| 120.000-121.000 | 902                              | 93383                                    |  |  |  |
| 121.000-122.000 | 900                              | 94283                                    |  |  |  |
| 122.000-123.000 | 909                              | 95192                                    |  |  |  |
| 123.000-124.000 | 907                              | 96099                                    |  |  |  |
| 124.000-125.000 | 911                              | 97010                                    |  |  |  |
| 125.000-126.000 | 907                              | 97917                                    |  |  |  |
| 126.000-127.000 | 907                              | 98824                                    |  |  |  |
| 127.000-128.000 | 913                              | 99734                                    |  |  |  |