

Denne rapport  
tilhører



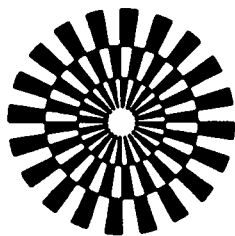
**L&U DOK. SENTER**

L. NR. 30287300007

KODE Well 31/2-11 nr 9

Returneres etter bruk

A/S NORSKE SHELL  
GRAIN SIZE ANALYSIS  
WELL: 31/2-11  
DATE: SEPTEMBER 1983



**GECO**  
GEOPHYSICAL COMPANY  
OF NORWAY AS



A/S NORSKE SHELL  
GRAIN SIZE ANALYSIS  
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#### GRAIN SIZE DISTRIBUTION ANALYSIS

The samples were cleaned by extraction using first methanol and then toluene. Grain size distribution was determined by dry sieving using a sonic sieve. Fractional weight, and fractional and cumulative weight percents have been reported for all sizes.



GRAIN SIZE DISTRIBUTION

Depth : 1578.35 m  
Original total weight : 20.463 g  
Retained total weight : 20.355 g

| <u>SIEVE</u><br><u>APERTURE</u><br>microns | <u>WEIGHT</u><br><u>RETAINED</u><br>g | <u>WEIGHT PERCENTAGES</u><br><u>RETAINED</u> |        |
|--|---------------------------------------|--|--------|
|  |                                       | Ind. %                                       | Cum. % |
| 1400                                       | 0.050                                 | 0.25   | 99.75  |
| 1000                                       | 0.053                                 | 0.26   | 99.49  |
| 710  | 0.204                                 | 1.00   | 98.49  |
| 500  | 0.646                                 | 3.17   | 95.32  |
| 355  | 0.778                                 | 3.82   | 91.50  |
| 250  | 1.569                                 | 7.71   | 83.79  |
| 150  | 10.101                                | 49.62  | 34.17  |
| 75   | 4.478                                 | 22.00  | 12.17  |
| 45   | 1.032                                 | 5.07   | 7.10   |
| 25   | 0.741                                 | 3.64   | 3.46   |
| 15   | 0.433                                 | 2.13   | 1.33   |
| less than<br>15                            | 0.270                                 | 1.33   |        |



GRAIN SIZE DISTRIBUTION

Depth : 1578.90 m  
Original total weight : 20.438 g  
Retained total weight : 20.329 g

| <u>SIEVE</u><br><u>APERTURE</u><br>microns | <u>WEIGHT</u><br><u>RETAINED</u><br>g | <u>WEIGHT PERCENTAGES</u><br><u>RETAINED</u> |        |
|--|---------------------------------------|--|--------|
|  |                                       | Ind. %                                       | Cum. % |
| 1400                                       | 0.010                                 | 0.05   | 99.95  |
| 1000                                       | 0.062                                 | 0.30   | 99.65  |
| 710  | 0.267                                 | 1.31   | 98.34  |
| 500  | 0.752                                 | 3.70   | 94.64  |
| 355  | 0.656                                 | 3.23   | 91.41  |
| 250  | 0.833                                 | 4.10   | 87.31  |
| 150  | 8.848                                 | 43.52  | 43.79  |
| 75   | 6.165                                 | 30.33  | 13.46  |
| 45   | 1.393                                 | 6.85   | 6.61   |
| 25   | 0.728                                 | 3.58   | 3.03   |
| 15   | 0.337                                 | 1.66   | 1.37   |
| less than<br>15                            | 0.278                                 | 1.37   |        |



GRAIN SIZE DISTRIBUTION

Depth : 1579.80 m  
Original total weight : 20.580 g  
Retained total weight : 20.547 g

| <u>SIEVE</u><br><u>APERTURE</u><br>microns | <u>WEIGHT</u><br><u>RETAINED</u><br>g | <u>WEIGHT PERCENTAGES</u><br><u>RETAINED</u> |        |
|--|---------------------------------------|--|--------|
|  |                                       | Ind. %                                       | Cum. % |
| 1400                                       | 0.035                                 | 0.17   | 99.83  |
| 1000                                       | 0.239                                 | 1.16   | 98.67  |
| 710  | 1.671                                 | 8.13   | 90.54  |
| 500  | 3.690                                 | 17.96  | 72.58  |
| 355  | 3.458                                 | 16.83  | 55.75  |
| 250  | 2.611                                 | 12.71  | 43.04  |
| 150  | 2.580                                 | 12.56  | 30.48  |
| 75   | 2.849                                 | 13.87  | 16.61  |
| 45   | 1.194                                 | 5.81   | 10.80  |
| 25   | 1.989                                 | 9.68   | 1.12   |
| less than<br>25                            | 0.231                                 | 1.12   |        |



GRAIN SIZE DISTRIBUTION

Depth : 1580.38 m  
Original total weight : 20.486 g  
Retained total weight : 20.439 g

| <u>SIEVE</u><br><u>APERTURE</u><br>microns | <u>WEIGHT</u><br><u>RETAINED</u><br>g | <u>WEIGHT PERCENTAGES</u><br><u>RETAINED</u> |        |
|--|---------------------------------------|--|--------|
|  |                                       | Ind. %                                       | Cum. % |
| 1400                                       | 0.054                                 | 0.26   | 99.74  |
| 1000                                       | 0.211                                 | 1.03   | 98.71  |
| 710  | 1.606                                 | 7.86   | 90.85  |
| 500  | 4.893                                 | 23.94  | 66.91  |
| 355  | 4.537                                 | 22.20  | 44.71  |
| 250  | 2.647                                 | 12.95  | 31.76  |
| 150  | 2.118                                 | 10.36  | 21.40  |
| 75   | 1.912                                 | 9.36   | 12.04  |
| 45   | 0.930                                 | 4.55   | 7.49   |
| 25   | 1.242                                 | 6.08   | 1.41   |
| 15   | 0.233                                 | 1.14   | 0.27   |
| less than<br>15                            | 0.056                                 | 0.27   |        |



GRAIN SIZE DISTRIBUTION

Depth : 1581.28 m  
Original total weight : 20.862 g  
Retained total weight : 20.843 g

| <u>SIEVE</u><br><u>APERTURE</u><br>microns | <u>WEIGHT</u><br><u>RETAINED</u><br>g | <u>WEIGHT PERCENTAGES</u><br><u>RETAINED</u> |        |
|--|---------------------------------------|--|--------|
|  |                                       | Ind. %                                       | Cum. % |
| 2000                                       | 0.037                                 | 0.18   | 99.82  |
| 1400                                       | 0.292                                 | 1.40   | 98.42  |
| 1000                                       | 1.333                                 | 6.39   | 92.03  |
| 710  | 4.900                                 | 23.51  | 68.52  |
| 500  | 6.874                                 | 32.98  | 35.54  |
| 355  | 2.211                                 | 10.61  | 24.93  |
| 250  | 1.003                                 | 4.81   | 20.12  |
| 150  | 0.905                                 | 4.34   | 15.78  |
| 75   | 1.609                                 | 7.72   | 8.06   |
| 45   | 0.563                                 | 2.70   | 5.36   |
| 25   | 0.569                                 | 2.73   | 2.63   |
| 15   | 0.312                                 | 1.50   | 1.13   |
| less than<br>15                            | 0.235                                 | 1.13   |        |





GRAIN SIZE DISTRIBUTION

Depth : 1582.06 m  
Original total weight : 20.514 g  
Retained total weight : 20.509 g

| <u>SIEVE</u><br><u>APERTURE</u><br>microns | <u>WEIGHT</u><br><u>RETAINED</u><br>g | <u>WEIGHT PERCENTAGES</u><br><u>RETAINED</u> |        |
|--|---------------------------------------|--|--------|
|  |                                       | Ind. %                                       | Cum. % |
| 1400                                       | 0.285                                 | 1.39   | 98.61  |
| 1000                                       | 1.004                                 | 4.89   | 93.72  |
| 710  | 3.522                                 | 17.17  | 76.55  |
| 500  | 4.733                                 | 23.08  | 53.47  |
| 355  | 2.955                                 | 14.41  | 39.06  |
| 250  | 1.724                                 | 8.41   | 30.65  |
| 150  | 1.649                                 | 8.04   | 22.61  |
| 75   | 2.493                                 | 12.16  | 10.45  |
| 45   | 1.111                                 | 5.42   | 5.03   |
| 25   | 0.872                                 | 4.25   | 0.78   |
| less than<br>25                            | 0.161                                 | 0.78   |        |