

Denne rapport  
tilhører



**L&U DOK. SENTER**

L. NR. 30284170013

KODE Well 31/2-13 nr. 5

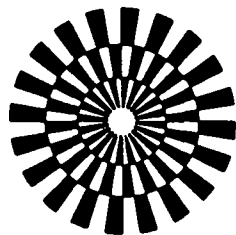
Returneres etter bruk

A/S NORSKE SHELL

GRAIN SIZE DISTRIBUTION ANALYSIS

WELL: 31/2-13

DATE: FEBRUARY 1984



**GECO**  
GEOPHYSICAL COMPANY  
OF NORWAY A-S



A/S NORSKE SHELL  
GRAIN SIZE DISTRIBUTION ANALYSIS  
WELL: 31/2-13  
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GRAIN SIZE DISTRIBUTION ANALYSIS

Prior to the analysis the samples were cleaned by extraction using methanol and toluene. Grain size distribution was determined by dry sieving using a sonic sifter.

A tabular presentation of data follows including fractional weight and weight percentages for each grain size.

Please note that samples from depths (m) 1806.3, 1807.0 and 1808.5 were consolidated sandstone and therefore not analyzed.



GRAIN SIZE DISTRIBUTION

Depth : 1799.10 m  
 Original total weight : 20.257 g  
 Recovered total weight: 20.070 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 1.000	0.045	0.22	99.78
0.710 - 1.000	0.427	2.13	97.65
0.500 - 0.710	2.412	12.02	85.63
0.355 - 0.500	4.221	21.03	64.60
0.250 - 0.355	5.980	29.80	34.80
0.150 - 0.250	4.584	22.84	11.96
0.075 - 0.150	1.081	5.39	6.58
0.045 - 0.075	0.416	2.07	4.50
0.038 - 0.045	0.129	0.64	3.86
0.025 - 0.038	0.344	1.71	2.15
0.015 - 0.025	0.273	1.36	0.79
Less than 0.015	0.158	0.79	



GRAIN SIZE DISTRIBUTION

Depth : 1800.00 m  
Original total weight : 20.044 g  
Retained total weight : 19.730 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 1.000	0.053	0.27	99.73
0.710 - 1.000	0.880	4.46	95.27
0.500 - 0.710	4.235	21.46	73.81
0.355 - 0.500	5.335	27.04	46.77
0.250 - 0.355	4.662	23.63	23.14
0.150 - 0.250	2.777	14.08	9.06
0.075 - 0.150	0.915	4.64	4.42
0.045 - 0.075	0.286	1.45	2.98
0.038 - 0.045	0.125	0.63	2.34
0.025 - 0.038	0.182	0.92	1.42
Less than 0.025	0.280	1.42	



GRAIN SIZE DISTRIBUTION

Depth : 1800.90 m  
Original total weight : 20.208 g  
Recovered total weight: 20.031 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 1.000	0.084	0.42	99.58
0.710 - 1.000	0.908	4.53	95.05
0.500 - 0.710	4.591	22.92	72.13
0.355 - 0.500	5.378	26.85	45.28
0.250 - 0.355	4.041	20.17	25.11
0.150 - 0.250	2.009	10.03	15.08
0.075 - 0.150	1.054	5.26	9.81
0.045 - 0.075	0.583	2.91	6.90
0.038 - 0.045	0.177	0.88	6.02
0.025 - 0.038	0.495	2.47	3.55
0.015 - 0.025	0.398	1.99	1.56
Less than 0.015	0.313	1.56	



GRAIN SIZE DISTRIBUTION

Depth : 1801.80 m  
Original total weight : 20.400 g  
Recovered total weight: 20.350 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 1.000	0.195	0.96	99.04
0.710 - 1.000	1.659	8.15	90.89
0.500 - 0.710	5.570	27.37	63.52
0.355 - 0.500	5.638	27.71	35.81
0.250 - 0.355	4.674	22.97	12.85
0.150 - 0.250	1.798	8.84	4.01
0.075 - 0.150	0.540	2.65	1.36
0.045 - 0.075	0.131	0.64	0.71
0.038 - 0.045	0.030	0.15	0.57
Less than 0.038	0.115	0.57	



GRAIN SIZE DISTRIBUTION

Depth : 1802.70 m  
Original total weight : 20.480 g  
Recovered total weight: 20.388 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		Ind. %	Cum. %
Greater than 1.000	0.072	0.35	99.65
0.710 - 1.000	0.875	4.29	95.36
0.500 - 0.710	4.392	21.54	73.81
0.355 - 0.500	5.624	27.58	46.23
0.250 - 0.355	4.435	21.75	24.48
0.150 - 0.250	2.146	10.53	13.95
0.075 - 0.150	1.113	5.46	8.49
0.045 - 0.075	0.506	2.48	6.01
0.038 - 0.045	0.176	0.86	5.15
0.025 - 0.038	0.439	2.15	2.99
0.015 - 0.025	0.361	1.77	1.22
Less than 0.015	0.249	1.22	





GRAIN SIZE DISTRIBUTION

Depth : 1803.60 m  
 Original total weight : 20.061 g  
 Recovered total weight: 19.909 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 0.710	0.269	1.35	98.65
0.500 - 0.710	2.176	10.93	87.72
0.355 - 0.500	5.185	26.04	61.68
0.250 - 0.355	6.135	30.82	30.86
0.150 - 0.250	2.910	14.62	16.24
0.075 - 0.150	1.437	7.22	9.03
0.045 - 0.075	0.800	4.02	5.01
0.038 - 0.045	0.157	0.79	4.22
0.025 - 0.038	0.411	2.06	2.15
0.015 - 0.025	0.236	1.19	0.97
Less than 0.015	0.193	0.97	



GRAIN SIZE DISTRIBUTION

Depth : 1804.5 m  
Original total weight : 20.001 g  
Recovered total weight: 19.954 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 1.000	0.034	0.17	99.83
0.710 - 1.000	0.231	1.16	98.67
0.500 - 0.710	1.241	6.22	92.45
0.355 - 0.500	3.568	17.88	74.57
0.250 - 0.355	7.303	36.60	37.97
0.150 - 0.250	5.409	27.11	10.86
0.075 - 0.150	1.334	6.69	4.18
0.045 - 0.075	0.340	1.70	2.48
0.038 - 0.045	0.072	0.36	2.11
Less than 0.038	0.422	2.11	



GRAIN SIZE DISTRIBUTION

Depth : 1805.40 m  
Original total weight : 20.614 g  
Recovered total weight: 20.424 g

GRAIN SIZE	WEIGHT RECOVERED	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
mm	g		
Greater than 1.000	0.126	0.62	99.38
0.710 - 1.000	0.426	2.09	97.30
0.500 - 0.710	1.637	8.02	89.28
0.355 - 0.500	3.583	17.54	71.74
0.250 - 0.355	6.028	29.51	42.22
0.150 - 0.250	4.361	21.35	20.87
0.075 - 0.150	1.425	6.98	13.90
0.045 - 0.075	0.775	3.79	10.10
0.038 - 0.045	0.218	1.07	9.03
0.025 - 0.038	0.712	3.49	5.55
0.015 - 0.025	0.798	3.91	1.64
Less than 0.015	0.335	1.64	



GRAIN SIZE DISTRIBUTION

Depth : 1807.6 m  
Original total weight : 20.244 g  
Recovered total weight: 20.106 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		Ind. %	Cum. %
Greater than 1.000	0.062	0.31	99.69
0.710 - 1.000	0.393	1.95	97.74
0.500 - 0.710	1.615	8.03	89.70
0.355 - 0.500	2.554	12.70	77.00
0.250 - 0.355	6.223	30.95	46.05
0.150 - 0.250	5.568	27.69	18.36
0.075 - 0.150	1.814	9.02	9.34
0.045 - 0.075	0.685	3.41	5.93
0.038 - 0.045	0.150	0.75	5.18
0.025 - 0.038	0.488	2.43	2.76
0.015 - 0.025	0.337	1.68	1.08
Less than 0.015	0.217	1.08	



GRAIN SIZE DISTRIBUTION

Depth : 1809.40 m  
Original total weight : 20.002 g  
Recovered total weight: 19.836 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 1.000	0.155	0.78	99.22
0.710 - 1.000	0.589	2.97	96.25
0.500 - 0.710	1.801	9.08	87.17
0.355 - 0.500	3.550	17.90	69.27
0.250 - 0.355	4.507	22.72	46.55
0.150 - 0.250	4.715	23.77	22.78
0.075 - 0.150	2.568	12.95	9.84
0.045 - 0.075	0.839	4.23	5.61
0.038 - 0.045	0.168	0.85	4.76
0.025 - 0.038	0.448	2.26	2.50
0.015 - 0.025	0.286	1.44	1.06
Less than 0.015	0.210	1.06	



GRAIN SIZE DISTRIBUTION

Depth : 1810.30 m  
 Original total weight : 20.121 g  
 Recovered total weight: 19.912 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 1.000	0.245	1.23	98.77
0.710 - 1.000	0.859	4.31	94.46
0.500 - 0.710	2.706	13.59	80.87
0.355 - 0.500	2.483	12.47	68.40
0.250 - 0.355	3.882	19.50	48.90
0.150 - 0.250	3.937	19.77	29.13
0.075 - 0.150	2.171	10.90	18.23
0.045 - 0.075	1.179	5.92	12.30
0.038 - 0.045	0.382	1.92	10.39
0.025 - 0.038	0.681	3.42	6.97
0.015 - 0.025	0.807	4.05	2.91
0.005 - 0.015	0.557	2.80	0.12
Less than 0.005	0.023	0.12	