

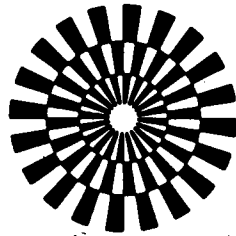
A/S NORSKE SHELL

GRAIN SIZE DISTRIBUTION

ORIGINAL

WELL: 6407/9-1

DATE: AUGUST 1984



GECO
GEOPHYSICAL COMPANY
OF NORWAY A/S



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GRAIN SIZE DISTRIBUTION ANALYSIS

Prior to the analysis the ten 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.



GRAIN SIZE DISTRIBUTION

Depth : 1631.5 m
Original total weight : 21.435 g
Recovered total weight: 21.362 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 2.800	0.065	0.30	99.70
2.000 - 2.800	0.515	2.41	97.28
1.400 - 2.000	3.028	14.17	83.11
1.000 - 1.400	2.650	12.41	70.71
0.710 - 1.000	2.182	10.21	60.49
0.500 - 0.710	2.491	11.66	48.83
0.355 - 0.500	1.489	6.97	41.86
0.250 - 0.355	3.056	14.31	27.55
0.150 - 0.250	4.237	19.83	7.72
0.075 - 0.150	0.743	3.48	4.24
0.045 - 0.075	0.408	1.91	2.33
0.038 - 0.045	0.081	0.38	1.95
Less than 0.038	0.417	1.95	



GRAIN SIZE DISTRIBUTION

Depth : 1632.4 m
Original total weight : 21.297 g
Recovered total weight: 21.191 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		Ind. %	Cum. %
Greater than 2.000	0.110	0.52	99.48
1.400 - 2.000	2.398	11.32	88.16
1.000 - 1.400	2.777	13.10	75.06
0.710 - 1.000	2.114	9.98	65.08
0.500 - 0.710	3.247	15.32	49.76
0.355 - 0.500	2.542	12.00	37.77
0.250 - 0.355	3.408	16.08	21.68
0.150 - 0.250	3.783	17.85	3.83
0.075 - 0.150	0.425	2.01	1.83
0.045 - 0.075	0.163	0.77	1.06
0.038 - 0.045	0.042	0.20	0.86
Less than 0.038	0.182	0.86	



GRAIN SIZE DISTRIBUTION

Depth : 1633.3 m
Original total weight : 21.755 g
Recovered total weight: 21.655 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		Ind. %	Cum. %
Greater than 2.000	0.108	0.50	99.50
1.400 - 2.000	0.893	4.12	95.38
1.000 - 1.400	4.273	19.73	75.65
0.710 - 1.000	3.824	17.66	57.99
0.500 - 0.710	4.260	19.67	38.31
0.355 - 0.500	3.441	15.89	22.42
0.250 - 0.355	2.132	9.85	12.58
0.150 - 0.250	1.896	8.76	3.82
0.075 - 0.150	0.421	1.94	1.88
0.045 - 0.075	0.163	0.75	1.13
0.038 - 0.045	0.052	0.24	0.89
Less than 0.038	0.192	0.89	



GRAIN SIZE DISTRIBUTION

Depth : 1634.2 m
Original total weight : 21.175 g
Recovered total weight: 21.107 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 1.400	0.144	0.68	99.32
1.000 - 1.400	1.256	5.95	93.37
0.710 - 1.000	2.004	9.49	83.87
0.500 - 0.710	3.850	18.24	65.63
0.355 - 0.500	4.327	20.50	45.13
0.250 - 0.355	6.185	29.30	15.83
0.150 - 0.250	2.681	12.70	3.13
0.075 - 0.150	0.331	1.57	1.56
0.045 - 0.075	0.130	0.62	0.94
0.038 - 0.045	0.017	0.08	0.86
Less than 0.038	0.182	0.86	



GRAIN SIZE DISTRIBUTION

Depth : 1635.1 m
Original total weight : 20.960 g
Recovered total weight: 20.880 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 2.000	0.071	0.34	99.66
1.400 - 2.000	1.088	5.21	94.45
1.000 - 1.400	2.770	13.27	81.18
0.710 - 1.000	2.899	13.88	67.30
0.500 - 0.710	4.548	21.78	45.52
0.355 - 0.500	3.055	14.63	30.89
0.250 - 0.355	2.514	12.04	18.85
0.150 - 0.250	3.092	14.81	4.04
0.075 - 0.150	0.373	1.79	2.25
0.045 - 0.075	0.165	0.79	1.46
0.038 - 0.045	0.056	0.27	1.19
Less than 0.038	0.249	1.19	



GRAIN SIZE DISTRIBUTION

Depth : 1636.0 m
Original total weight : 20.237 g
Recovered total weight: 20.142 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		Ind. %	Cum. %
Greater than 2.000	0.064	0.32	99.68
1.400 - 2.000	1.121	5.57	94.12
1.000 - 1.400	2.938	14.59	79.53
0.710 - 1.000	3.617	17.96	61.57
0.500 - 0.710	5.551	27.56	34.01
0.355 - 0.500	1.609	7.99	26.03
0.250 - 0.355	1.562	7.75	18.27
0.150 - 0.250	2.233	11.09	7.18
0.075 - 0.150	0.648	3.22	3.97
0.045 - 0.075	0.323	1.60	2.36
0.038 - 0.045	0.083	0.41	1.95
Less than 0.038	0.393	1.95	



GRAIN SIZE DISTRIBUTION

Depth : 1636.9 m
Original total weight : 21.571 g
Recovered total weight: 21.513 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		Ind. %	Cum. %
Greater than 1.400	0.822	3.82	96.18
1.000 - 1.400	2.223	10.33	85.85
0.710 - 1.000	4.127	19.18	66.66
0.500 - 0.710	6.850	31.84	34.82
0.355 - 0.500	2.039	9.48	25.34
0.250 - 0.355	2.322	10.79	14.55
0.150 - 0.250	2.144	9.97	4.58
0.075 - 0.150	0.446	2.07	2.51
0.045 - 0.075	0.203	0.94	1.57
0.038 - 0.045	0.031	0.14	1.42
Less than 0.038	0.306	1.42	



GRAIN SIZE DISTRIBUTION

Depth : 1637.8 m
Original total weight : 21.659 g
Recovered total weight: 21.521 g

GRAIN SIZE mm	WEIGHT RECOVERED g	WEIGHT PERCENTAGES RECOVERED	
		Ind. %	Cum. %
Greater than 1.400	0.783	3.64	96.36
1.000 - 1.400	2.470	11.48	84.88
0.710 - 1.000	3.687	17.13	67.75
0.500 - 0.710	5.645	26.23	41.52
0.355 - 0.500	2.078	9.66	31.87
0.250 - 0.355	2.062	9.58	22.29
0.150 - 0.250	3.017	14.02	8.27
0.075 - 0.150	0.840	3.90	4.36
0.045 - 0.075	0.307	1.43	2.94
0.038 - 0.045	0.042	0.20	2.74
0.025 - 0.038	0.292	1.36	1.38
Less than 0.025	0.298	1.38	



GRAIN SIZE DISTRIBUTION

Depth : 1638.7 m
Original total weight : 21.527 g
Recovered total weight: 21.463 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 1.400	0.719	3.35	96.65
1.000 - 1.400	2.444	11.39	85.26
0.710 - 1.000	3.446	16.06	69.21
0.500 - 0.710	5.900	27.49	41.72
0.355 - 0.500	1.869	8.71	33.01
0.250 - 0.355	2.697	12.57	20.44
0.150 - 0.250	3.145	14.65	5.79
0.075 - 0.150	0.581	2.71	3.08
0.045 - 0.075	0.258	1.20	1.88
0.038 - 0.045	0.032	0.15	1.73
Less than 0.038	0.372	1.73	



GRAIN SIZE DISTRIBUTION

Depth : 1639.6 m
Original total weight : 20.871 g
Recovered total weight: 20.766 g

<u>GRAIN SIZE</u> mm	<u>WEIGHT RECOVERED</u> g	<u>WEIGHT PERCENTAGES RECOVERED</u>	
		<u>Ind. %</u>	<u>Cum. %</u>
Greater than 2.000	0.163	0.78	99.22
1.400 - 2.000	0.948	4.57	94.65
1.000 - 1.400	3.039	14.63	80.02
0.710 - 1.000	4.119	19.84	60.18
0.500 - 0.710	4.515	21.74	38.44
0.355 - 0.500	1.555	7.49	30.95
0.250 - 0.355	2.842	13.69	17.26
0.150 - 0.250	2.597	12.51	4.76
0.075 - 0.150	0.366	1.76	3.00
0.045 - 0.075	0.225	1.08	1.91
0.038 - 0.045	0.045	0.22	1.70
Less than 0.038	0.352	1.70	