

Denne rapport
tilhører



DI. S95. 179-9
L&U DOK.SENTER

L.NR. 20084280047

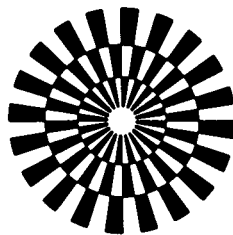
KODE Well 31/6-6 nr. 10

Returneres etter bruk

STATOIL A/S
GRAIN SIZE DISTRIBUTION ANALYSIS

WELL: 31/6-6

DATE: JULY 1984



GECO
GEOPHYSICAL COMPANY
OF NORWAY A/S

SHS1

P5.12.04-01

31/6-6



STATOIL A/S

GRAIN SIZE DISTRIBUTION ANALYSIS

WELL: 31/6-6

DATE: JULY 1984



GRAIN SIZE DISTRIBUTION

All samples were first cleaned by extraction using methanol and then toluene. Grain size distribution was determined by dry sieving using a sonic sifter. Fractional weight and fractional and cumulative weight percents have been reported for all sizes. Weight percents retained at various grain diameters and statistical sorting parameters have been also included in the report. The results are presented both in tabular and graphical form.

Please note that the "frequency" curve is a simplified bar graph where the data points represent the center of the individual bars.



GRAIN SIZE DISTRIBUTION

Well : 31/6-6
 Depth : 1557.3 m
 Original total weight : 20.785 g
 Recovered total weight: 20.722 g

GRAIN SIZE ----- mm	WEIGHT RECOVERED ----- g	WEIGHT PERCENTAGES RECOVERED -----	
		Ind. %	Cum. %
Greater than 0.710	0.104	0.50	0.50
0.500 - 0.710	0.471	2.27	2.77
0.355 - 0.500	0.656	3.17	5.94
0.250 - 0.355	2.277	10.99	16.93
0.150 - 0.250	13.338	64.37	81.30
0.075 - 0.150	3.229	15.58	96.88
0.045 - 0.075	0.268	1.29	98.17
0.038 - 0.045	0.049	0.24	98.41
Less than 0.038	0.330	1.59	

GRAIN SIZE DIAMETERS :

	5 %	16 %	25 %	50 %	75 %	84 %	95 %
mm	0.370	0.255	0.235	0.195	0.160	0.135	0.085
	1.43	1.97	2.09	2.36	2.64	2.89	3.56

SORTING COEFFICIENTS :

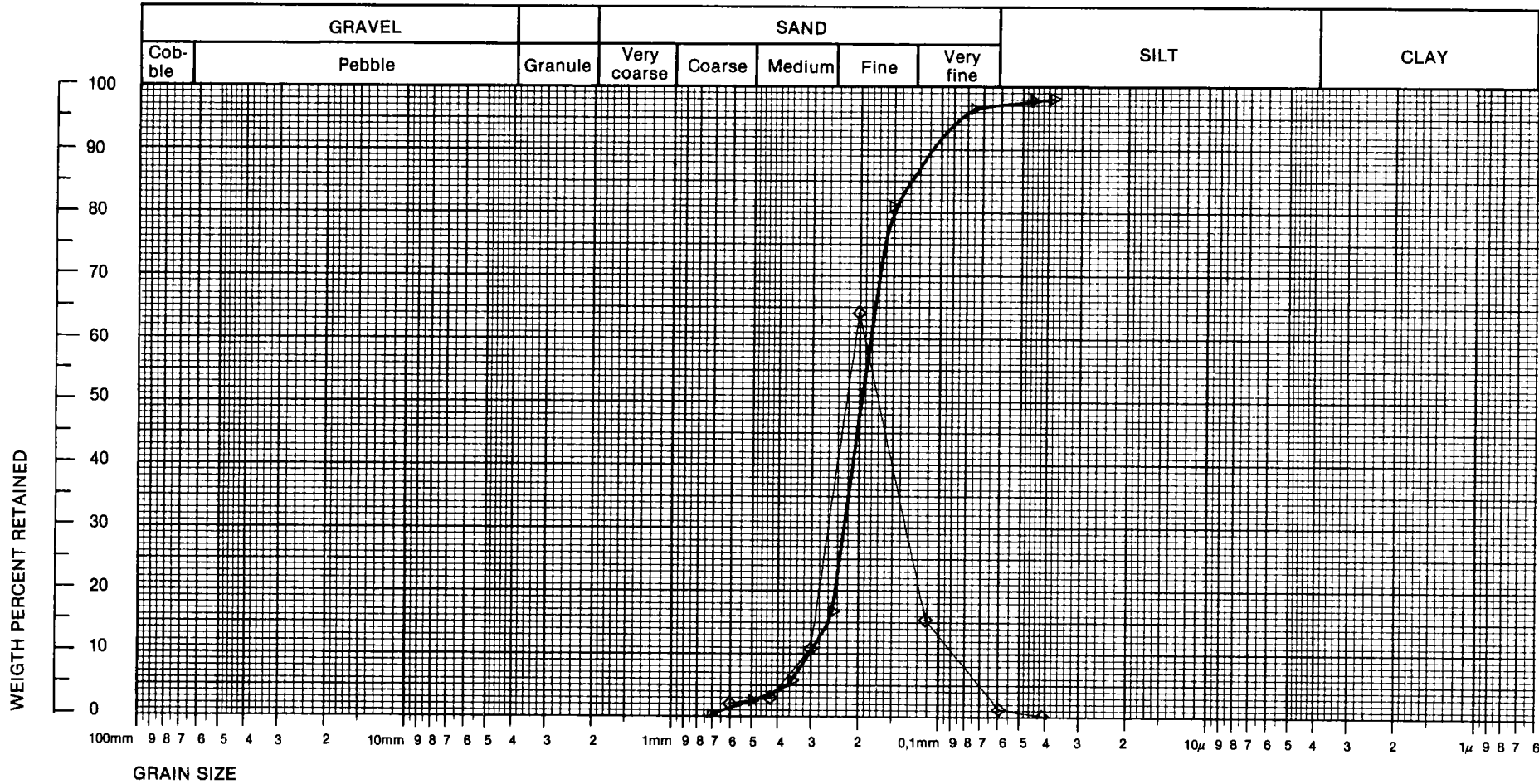
Mean size Mz	Standard deviation I	Skewness SkI	Kurtosis KG
2.41	0.55	0.14	1.57

COMPANY : STATOIL A/S

WELL : 31/6-6

DEPTH : 1557.3 m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$

20-JUL-84



GRAIN SIZE DISTRIBUTION

Well : 31/6-6
 Depth : 1558.2 m
 Original total weight : 20.240 g
 Recovered total weight: 20.189 g

GRAIN SIZE	WEIGHT RECOVERED	WEIGHT PERCENTAGES RECOVERED	
mm	g	Ind. %	Cum. %
Greater than 0.710	0.133	0.66	0.66
0.500 - 0.710	0.262	1.30	1.96
0.355 - 0.500	1.949	9.65	11.61
0.250 - 0.355	5.106	25.29	36.90
0.150 - 0.250	9.345	46.29	83.19
0.075 - 0.150	2.742	13.58	96.77
0.045 - 0.075	0.225	1.11	97.88
0.038 - 0.045	0.027	0.13	98.02
Less than 0.038	0.400	1.98	

GRAIN SIZE DIAMETERS :

	5 %	16 %	25 %	50 %	75 %	84 %	95 %
mm	0.440	0.330	0.290	0.220	0.175	0.140	0.084
	1.18	1.60	1.79	2.18	2.51	2.84	3.57

SORTING COEFFICIENTS :

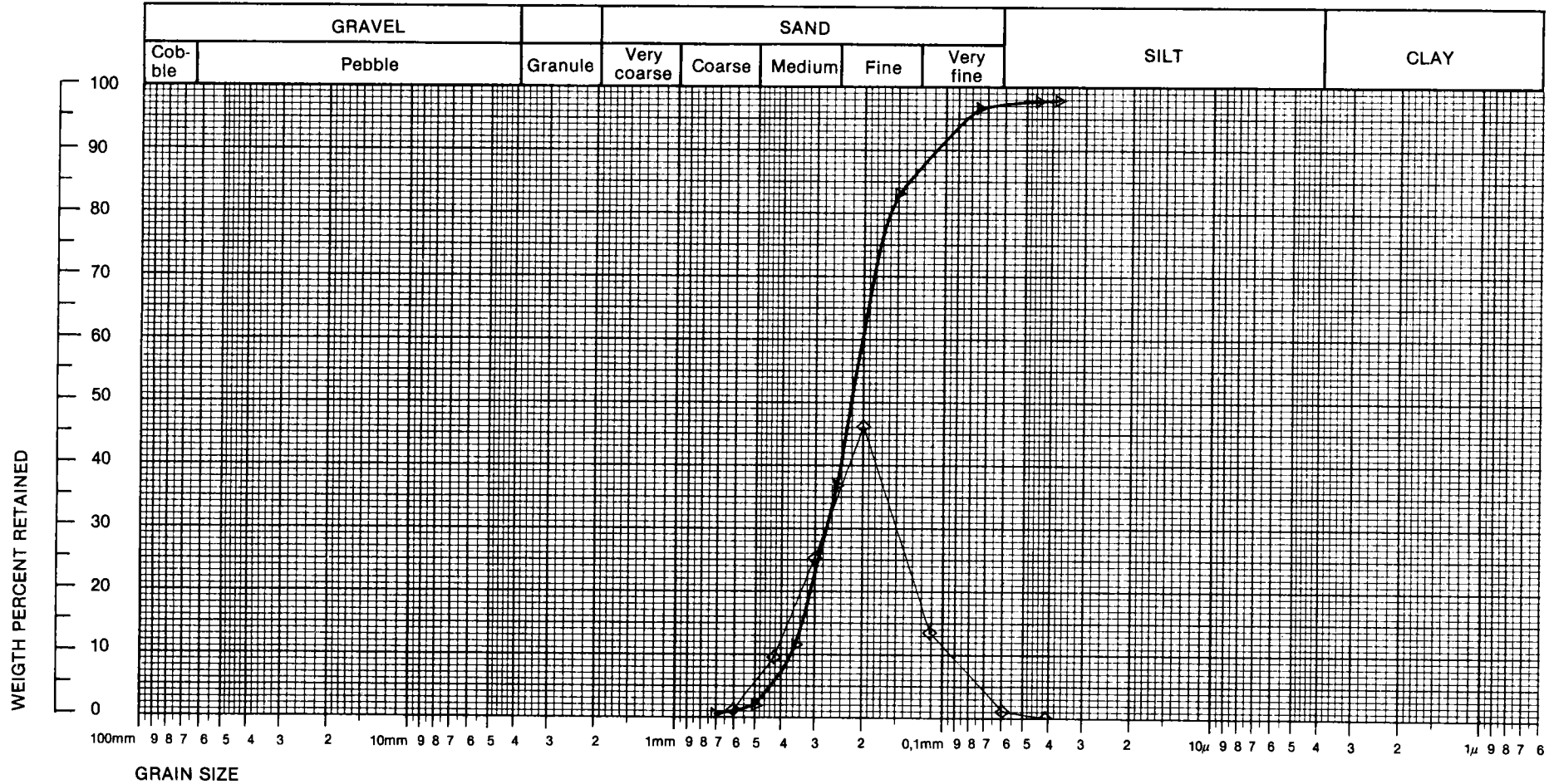
Mean size Mz	Standard deviation I	Skewness SkI	Kurtosis KG
2.21	0.67	0.11	1.34

COMPANY : STATOIL A/S

WELL : 31/6-6

DEPTH : 1558.2 m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d ₁₀	d ₄₀	d ₅₀	d ₇₅	d ₉₀	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$

20-JUL-84



GRAIN SIZE DISTRIBUTION

Well : 31/6-6
 Depth : 1559.1 m
 Original total weight : 20.876 g
 Recovered total weight : 20.792 g

GRAIN SIZE ----- mm	WEIGHT RECOVERED ----- g	WEIGHT PERCENTAGES RECOVERED -----	
		Ind. %	Cum. %
Greater than 1.000	0.029	0.14	0.14
0.710 - 1.000	0.142	0.68	0.82
0.500 - 0.710	0.380	1.83	2.65
0.355 - 0.500	0.874	4.20	6.85
0.250 - 0.355	3.444	16.56	23.42
0.150 - 0.250	9.920	47.71	71.13
0.075 - 0.150	4.445	21.38	92.51
0.045 - 0.075	0.688	3.31	95.82
0.038 - 0.045	0.315	1.51	97.33
0.025 - 0.038	0.191	0.92	98.25
Less than 0.025	0.364	1.75	

GRAIN SIZE DIAMETERS :

	5 %	16 %	25 %	50 %	75 %	84 %	95 %
mm	0.390	0.275	0.245	0.195	0.135	0.103	0.053
	1.36	1.86	2.03	2.36	2.89	3.28	4.24

SORTING COEFFICIENTS :

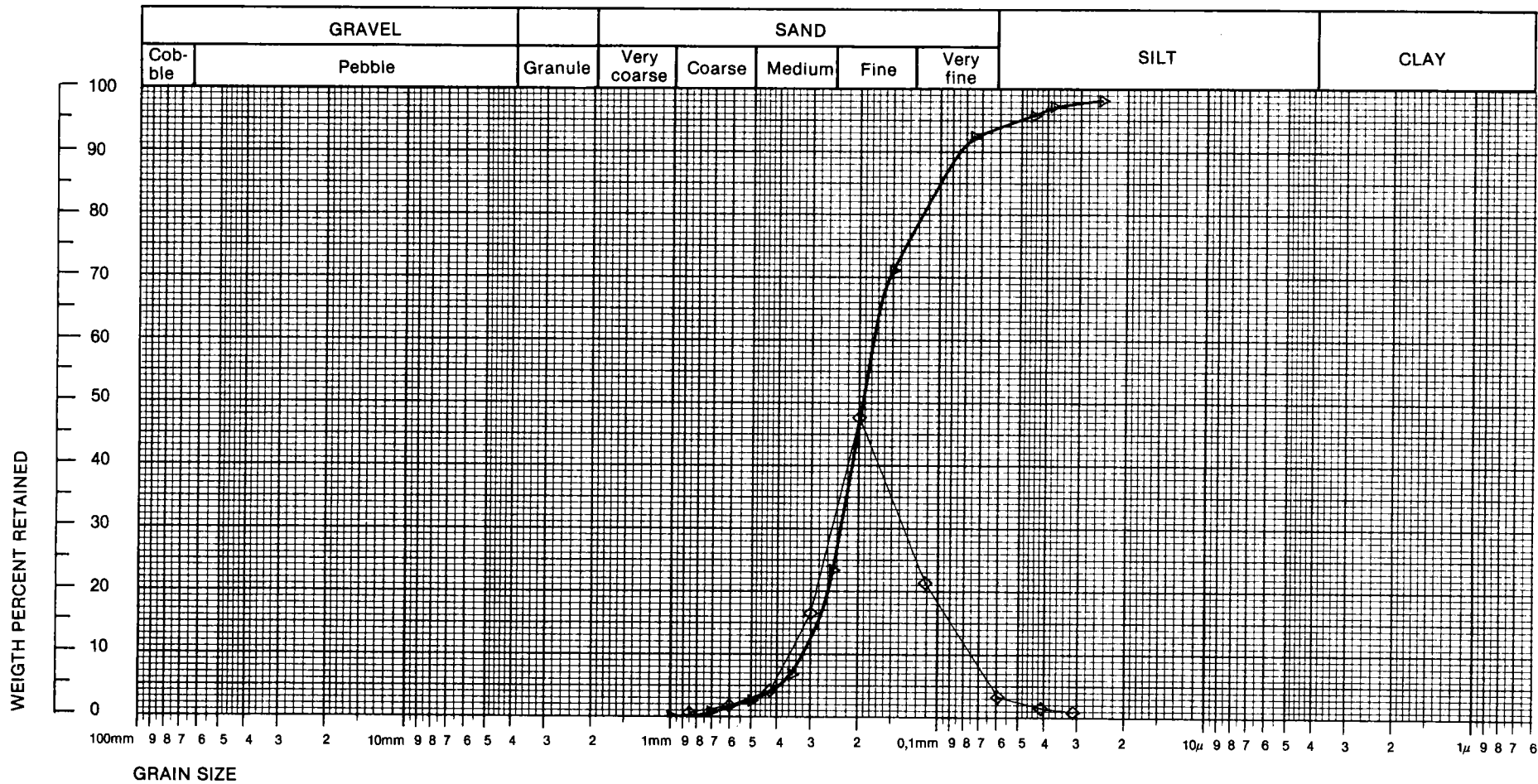
Mean size Mz	Standard deviation I	Skewness SkI	Kurtosis KG
2.50	0.79	0.30	1.37

COMPANY : STATOIL A/S

WELL : 31/6-6

DEPTH : 1559.1 m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d ₁₀	d ₄₀	d ₅₀	d ₇₅	d ₉₀	C = d ₄₀ /d ₉₀	S ₀ = √(d ₂₅ /d ₇₅)

20-JUL-84



GRAIN SIZE DISTRIBUTION

Well : 31/6-6
 Depth : 1560.0 m
 Original total weight : 20.600 g
 Recovered total weight: 20.541 g

GRAIN SIZE ----- mm	WEIGHT RECOVERED ----- g	WEIGHT PERCENTAGES RECOVERED -----	
		Ind. %	Cum. %
Greater than 0.710	0.082	0.40	0.40
0.500 - 0.710	0.363	1.77	2.17
0.355 - 0.500	1.451	7.06	9.23
0.250 - 0.355	6.571	31.99	41.22
0.150 - 0.250	9.275	45.15	86.37
0.075 - 0.150	1.991	9.69	96.07
0.045 - 0.075	0.316	1.54	97.60
0.038 - 0.045	0.061	0.30	97.90
Less than 0.038	0.431	2.10	

GRAIN SIZE DIAMETERS :

	5 %	16 %	25 %	50 %	75 %	84 %	95 %
mm	0.410	0.325	0.295	0.230	0.180	0.160	0.083
	1.29	1.62	1.76	2.12	2.47	2.64	3.59

SORTING COEFFICIENTS :

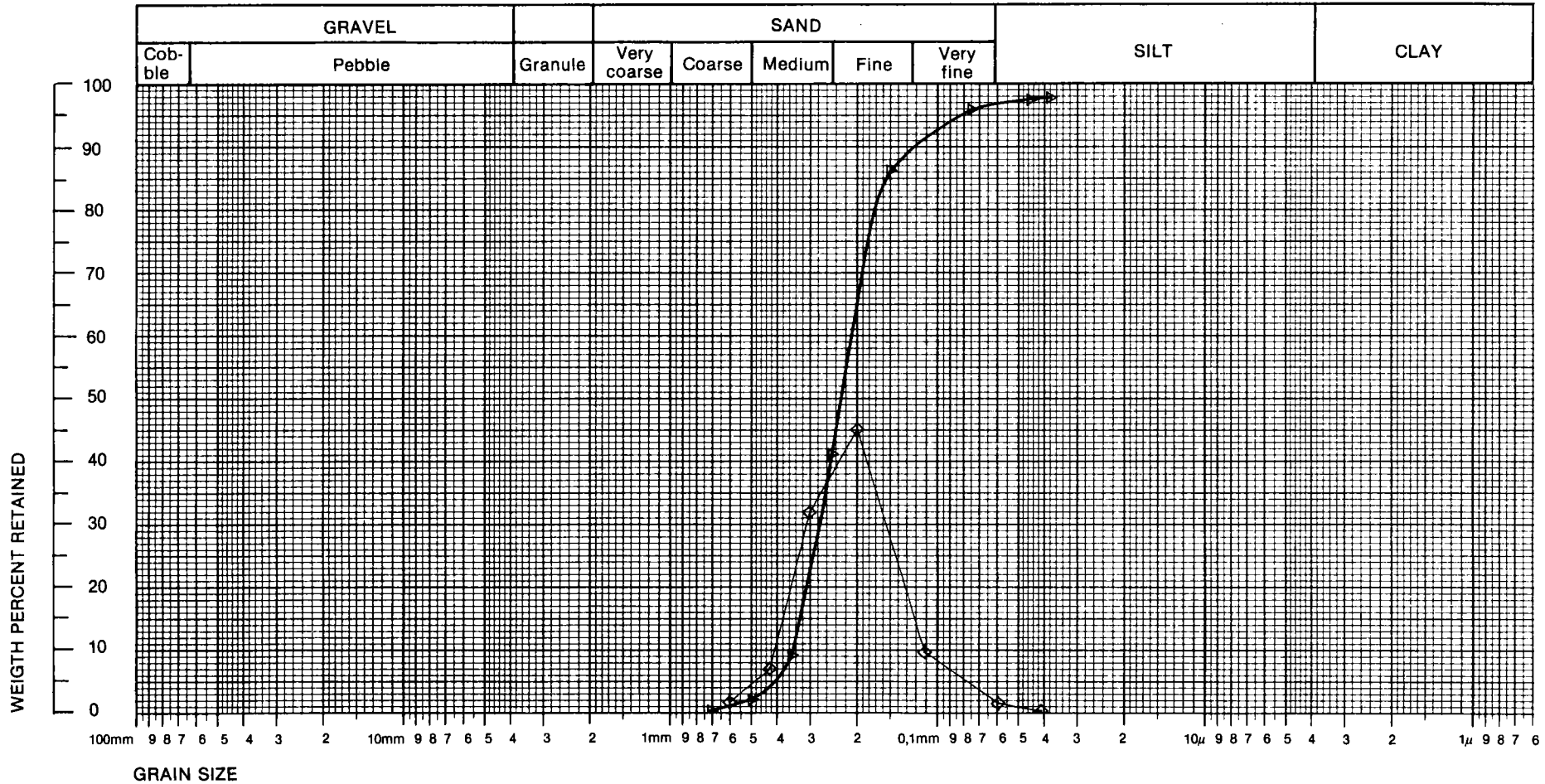
Mean size Mz	Standard deviation I	Skewness SkI	Kurtosis KG
2.13	0.60	0.15	1.33

COMPANY : STATOIL A/S

WELL : 31/6-6

DEPTH : 1560.0 m

Grain Size Distribution



GRAIN SIZE

Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$

20-JUL-84



GRAIN SIZE DISTRIBUTION

Well : 31/6-6
 Depth : 1560.9 m
 Original total weight : 20.928 g
 Recovered total weight: 20.810 g

GRAIN SIZE ----- mm	WEIGHT RECOVERED ----- g	WEIGHT PERCENTAGES RECOVERED -----	
		Ind. %	Cum. %
Greater than 0.710	0.044	0.21	0.21
0.500 - 0.710	0.115	0.55	0.76
0.355 - 0.500	0.269	1.29	2.06
0.250 - 0.355	2.495	11.99	14.05
0.150 - 0.250	9.948	47.80	61.85
0.075 - 0.150	6.152	29.56	91.41
0.045 - 0.075	1.104	5.31	96.72
0.038 - 0.045	0.341	1.64	98.36
Less than 0.038	0.342	1.64	

GRAIN SIZE DIAMETERS :

	5 %	16 %	25 %	50 %	75 %	84 %	95 %
mm	0.320	0.245	0.220	0.170	0.115	0.092	0.054
	1.64	2.03	2.18	2.56	3.12	3.44	4.21

SORTING COEFFICIENTS :

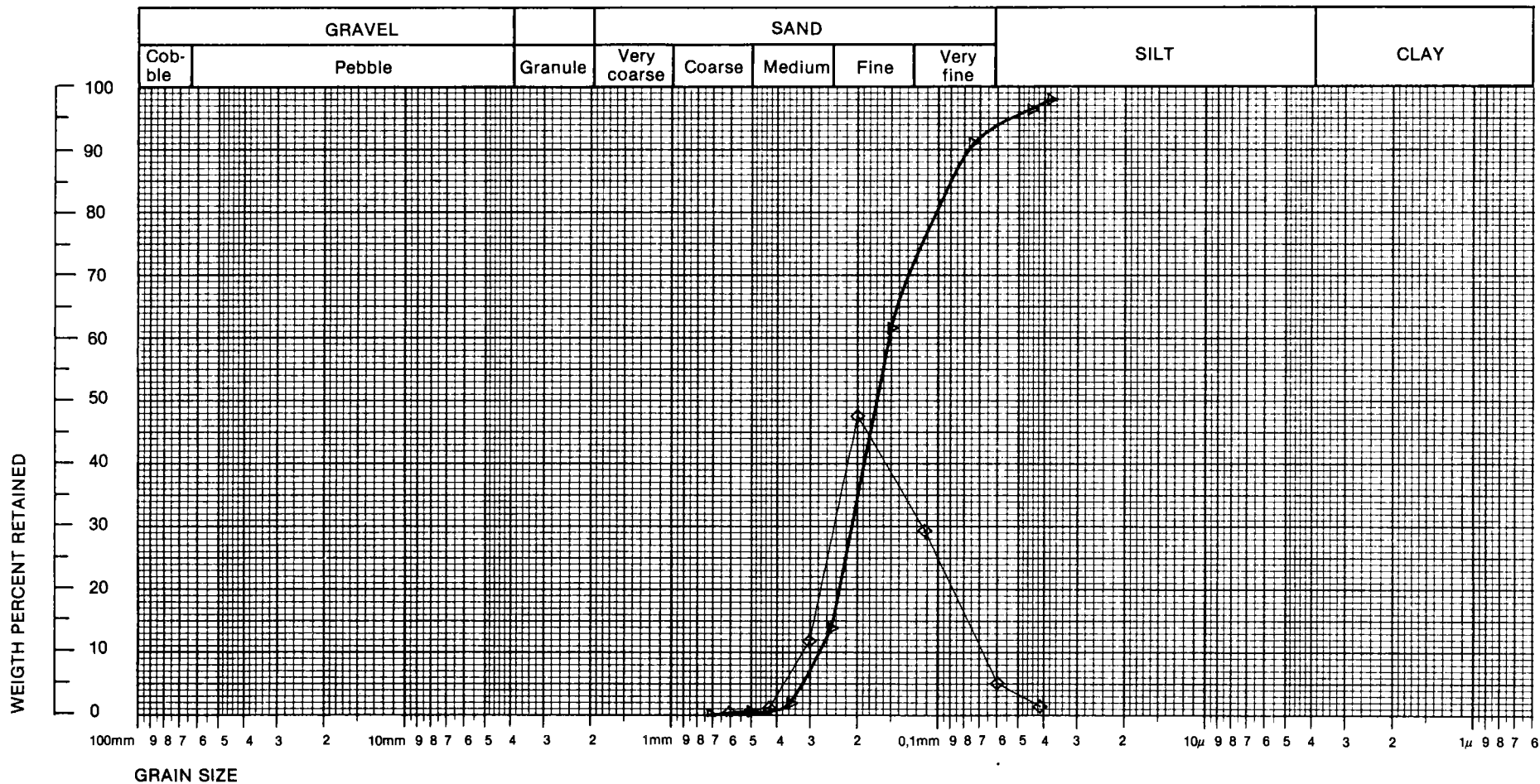
Mean size Mz	Standard deviation I	Skewness SkI	Kurtosis KG
2.68	0.74	0.27	1.12

COMPANY : STATOIL A/S

WELL : 31/6-6

DEPTH : 1560.9 m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d ₁₀	d ₄₀	d ₅₀	d ₇₅	d ₉₀	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$



GRAIN SIZE DISTRIBUTION

Well : 31/6-6
 Depth : 1561.8 m
 Original total weight : 20.522 g
 Recovered total weight: 20.398 g

GRAIN SIZE ----- mm	WEIGHT RECOVERED ----- g	WEIGHT PERCENTAGES RECOVERED -----	
		Ind. %	Cum. %
Greater than 0.500	0.047	0.23	0.23
0.355 - 0.500	0.251	1.23	1.46
0.250 - 0.355	1.869	9.16	10.62
0.150 - 0.250	6.739	33.04	43.66
0.075 - 0.150	9.830	48.19	91.85
0.045 - 0.075	0.867	4.25	96.10
0.038 - 0.045	0.147	0.72	96.82
0.025 - 0.038	0.331	1.62	98.45
Less than 0.025	0.317	1.55	

GRAIN SIZE DIAMETERS :

	5 %	16 %	25 %	50 %	75 %	84 %	95 %
mm	0.300	0.220	0.185	0.140	0.105	0.095	0.053
	1.74	2.18	2.43	2.84	3.25	3.40	4.24

SORTING COEFFICIENTS :

Mean size Mz	Standard deviation I	Skewness SkI	Kurtosis KG
2.81	0.68	0.02	1.25

COMPANY : STATOIL A/S

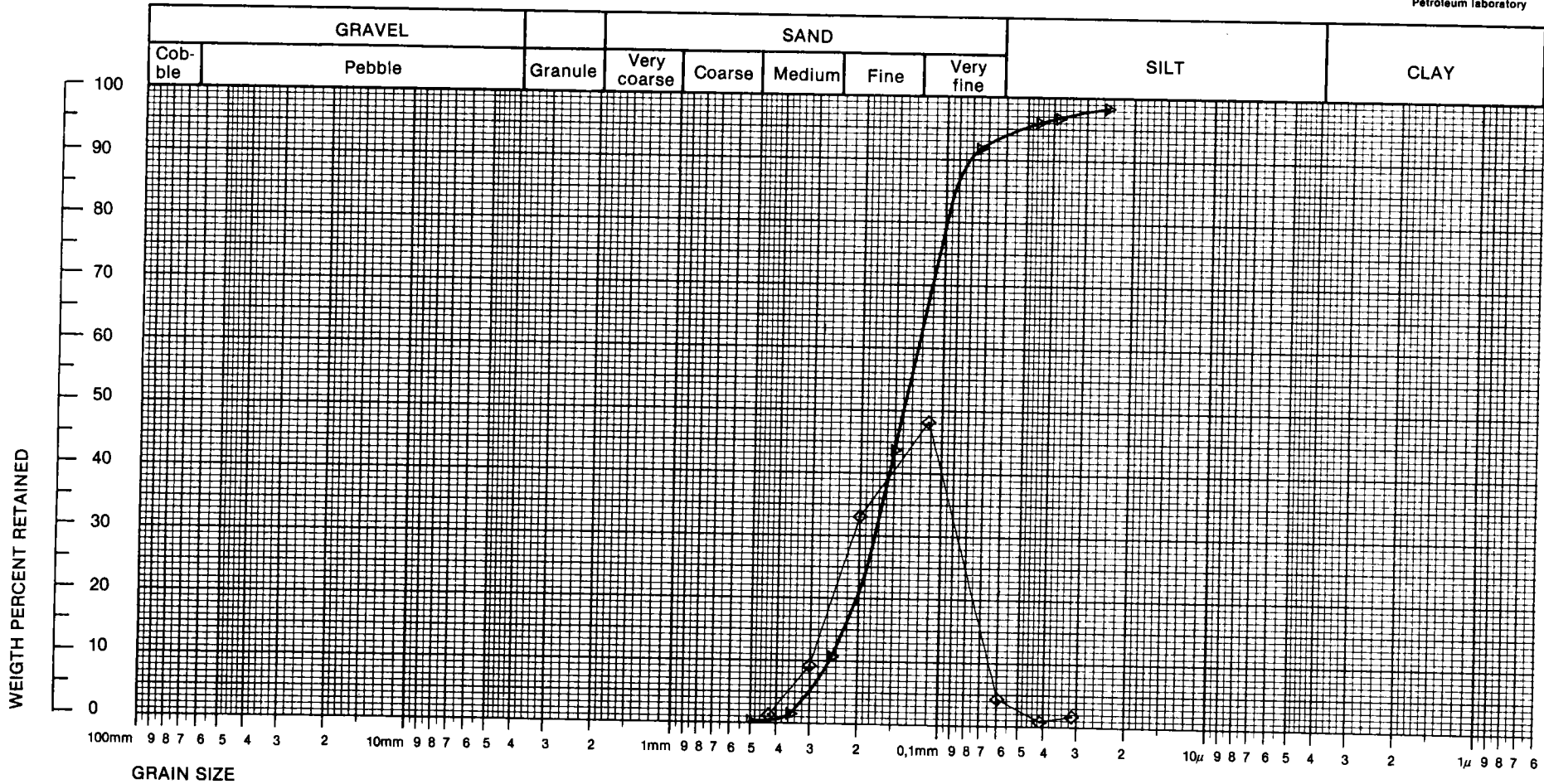
WELL : 31/6-6

DEPTH : 1561.8 m

Grain Size Distribution



GECO
GEOLOGICAL COMPANY
OF NORWAY A.S.
Petroleum laboratory



Diameters (Microns)					Sorting coeff.	
d ₁₀	d ₄₀	d ₅₀	d ₇₅	d ₉₀	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$

20-JUL-84