

Denne rapport
tilhører



01.585.179-6
L&U DOK.SENTER

L.NR. 12384080090

KODE Well 31/6-2 nr 47

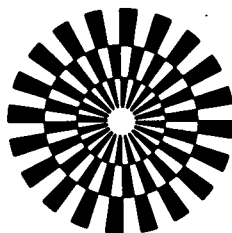
Returneres etter bruk

STATOIL

GRAIN SIZE DISTRIBUTION ANALYSIS II

WELL: 31/6-2

DATE: FEBRUARY 1984



GECO
GEOPHYSICAL COMPANY
OF NORWAY A/S



STATOIL
GRAIN SIZE DISTRIBUTION ANALYSIS II
WELL: 31/6-2
DATE: FEBRUARY 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. Statistical sorting parameters have also been 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

Depth : 1525.00 m
Original total weight : 20.571 g
Retained total weight : 20.493 g

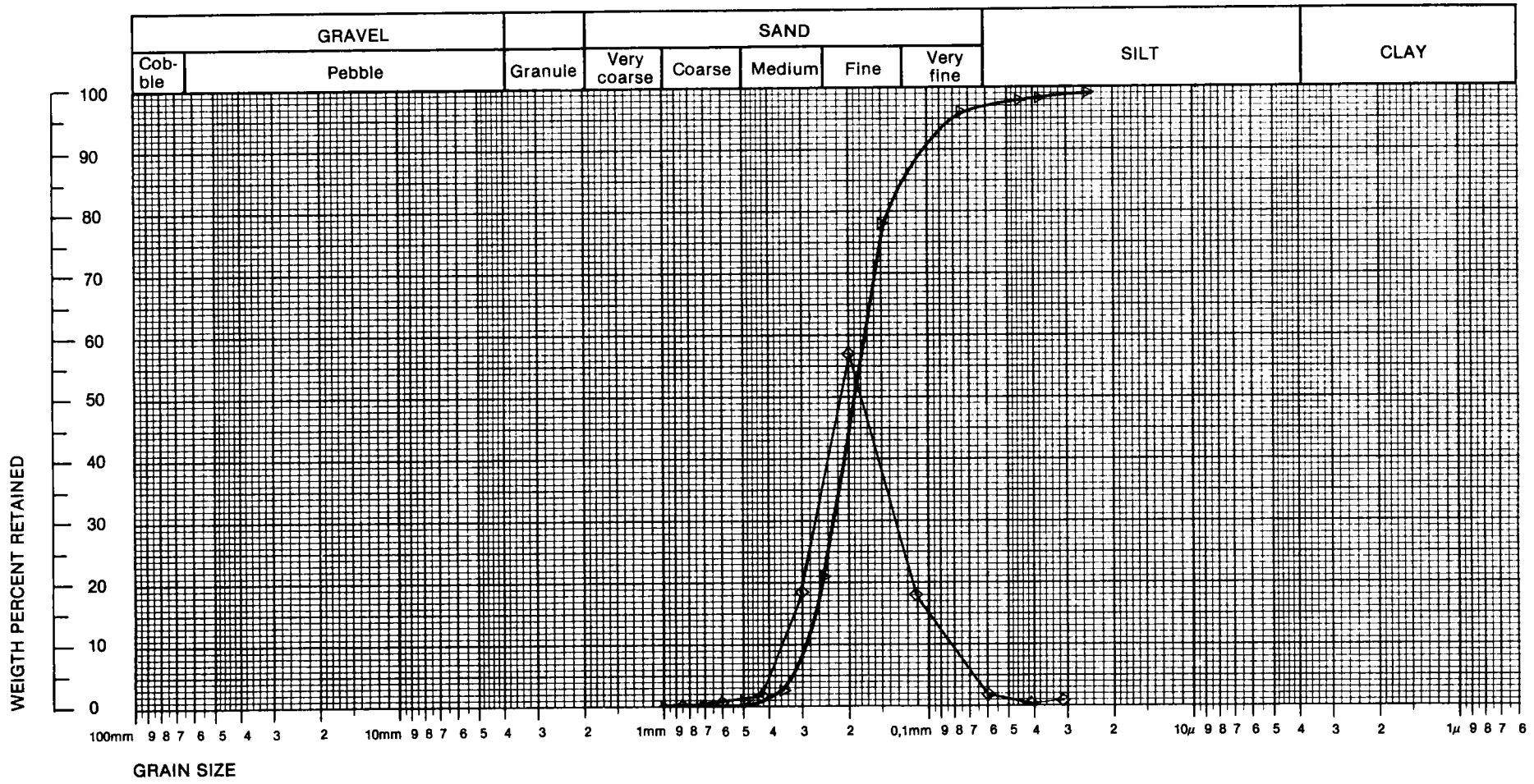
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
1000	0.012	0.06	0.06
710	0.028	0.14	0.20
500	0.137	0.67	0.86
355	0.348	1.70	2.56
250	3.792	18.50	21.07
150	11.697	57.08	78.14
75	3.701	18.06	96.20
45	0.373	1.82	98.02
38	0.075	0.37	98.39
25	0.175	0.85	99.24
Less than 25	0.155	0.76	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1525.00m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
290	210	190	150	105	2.00	1.26

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1527.00 m
Original total weight : 20.394 g
Retained total weight : 20.203 g

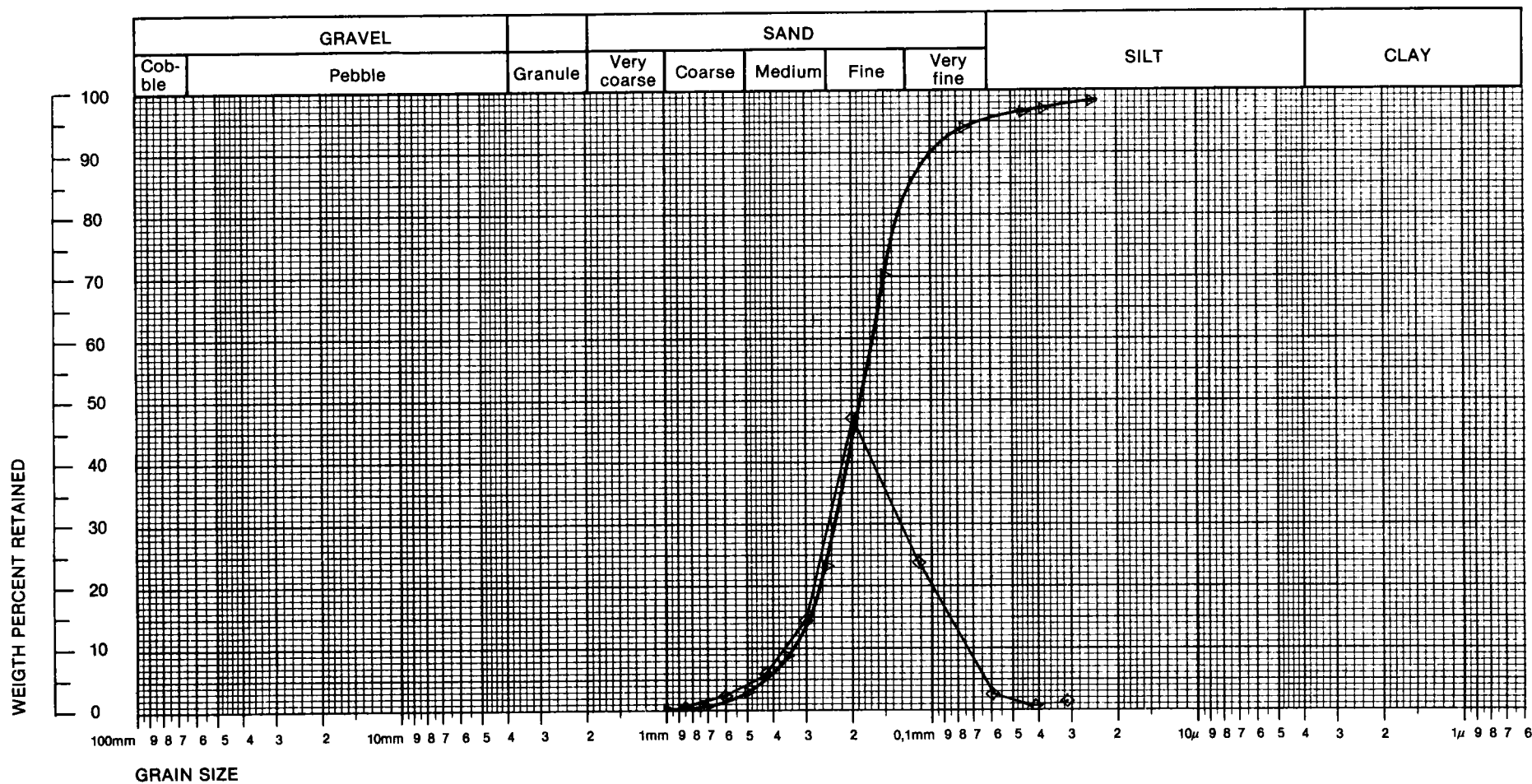
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind.%	Cum.%
1000	0.032	0.16	0.16
710	0.093	0.46	0.62
500	0.459	2.27	2.89
355	1.187	5.88	8.77
250	2.909	14.40	23.16
150	9.526	47.15	70.32
75	4.788	23.70	94.02
45	0.500	2.47	96.49
38	0.106	0.52	97.02
25	0.256	1.27	98.28
Less than 25	0.347	1.72	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1527.00m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d ₁₀	d ₄₀	d ₅₀	d ₇₅	d ₉₀	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
330	210	185	142	100	2.10	1.33

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1529.00 m
Original total weight : 20.028 g
Retained total weight : 19.784 g

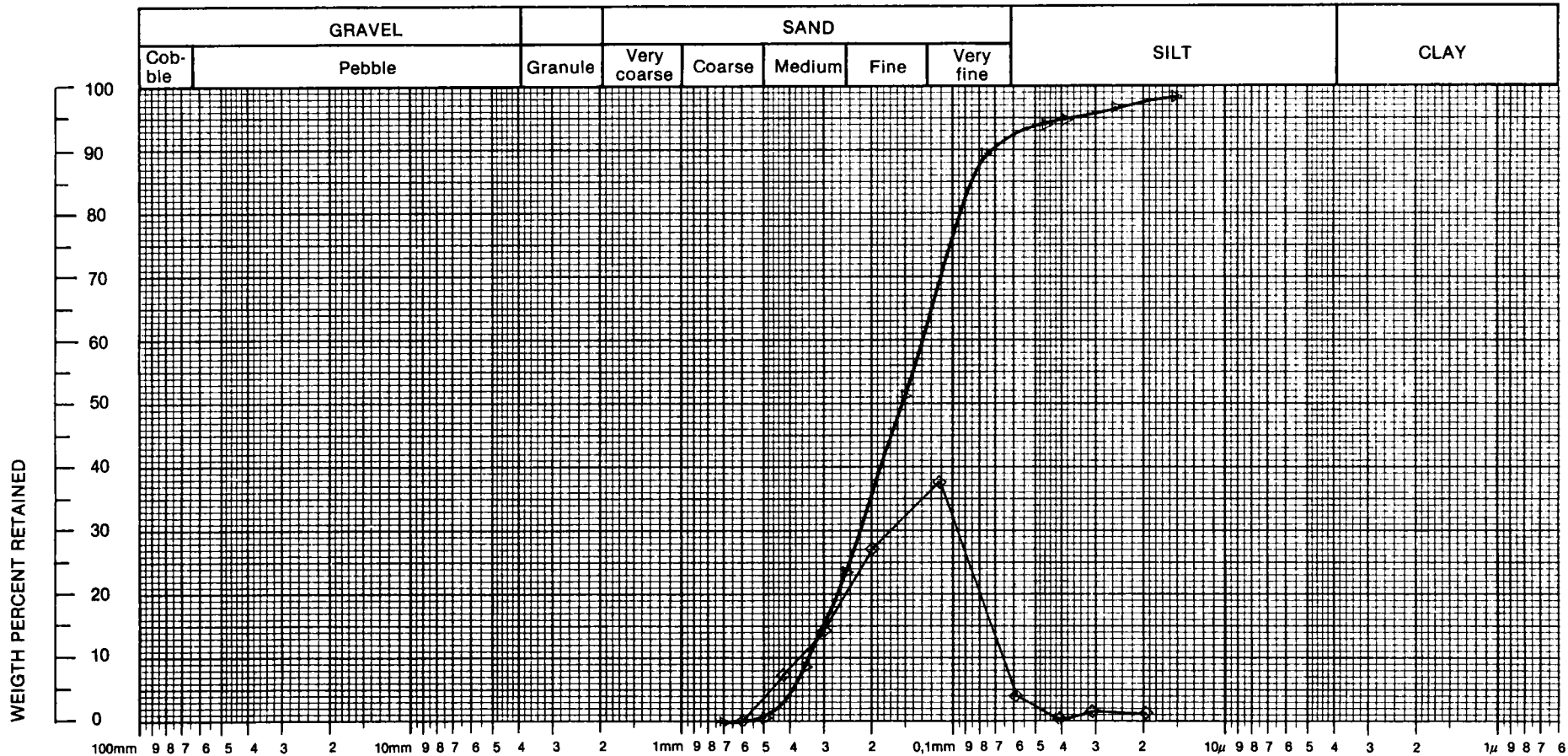
<u>SIEVE APERTURE</u> microns	<u>WEIGHT RETAINED</u> g	<u>WEIGHT PERCENTAGES RETAINED</u>	
		Ind. %	Cum. %
710	0.096	0.49	0.49
500	0.143	0.72	1.21
355	1.580	7.99	9.19
250	2.946	14.89	24.09
150	5.489	27.74	51.83
75	7.551	38.17	90.00
45	0.886	4.48	94.48
38	0.152	0.77	95.24
25	0.383	1.94	97.18
15	0.322	1.63	98.81
Less than 15	0.236	1.19	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1529.00m

Grain Size Distribution



GRAIN SIZE

Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$So = \sqrt{\frac{d_{25}}{d_{75}}}$
340	185	155	102	73	2.53	1.53

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1531.00 m
Original total weight : 20.148 g
Retained total weight : 20.040 g

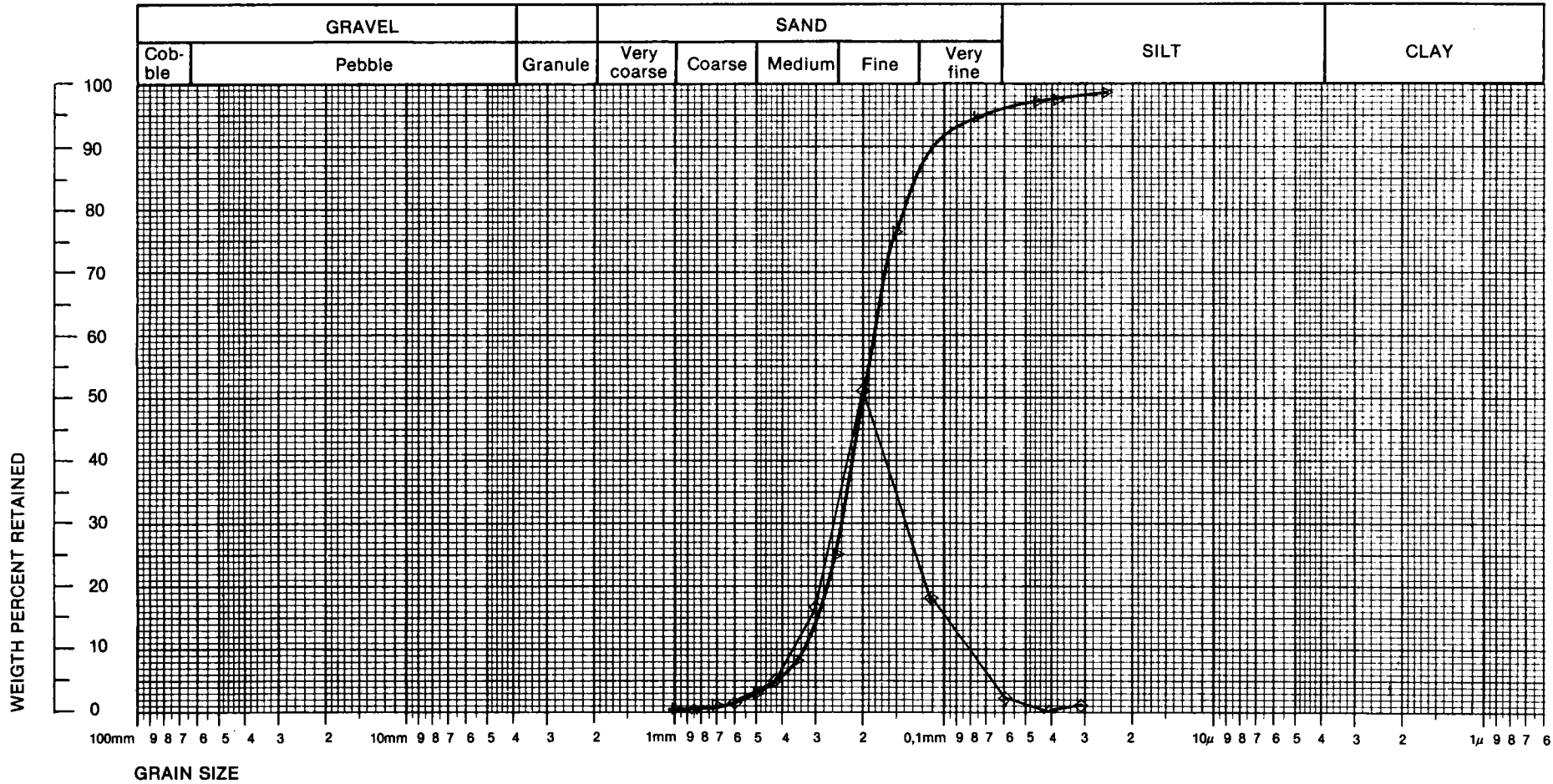
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
1000	0.178	0.89	0.89
710	0.115	0.57	1.46
500	0.347	1.73	3.19
355	1.051	5.24	8.44
250	3.388	16.91	25.34
150	10.288	51.34	76.68
75	3.667	18.30	94.98
45	0.480	2.40	97.38
38	0.051	0.25	97.63
25	0.239	1.19	98.82
Less than 25	0.236	1.18	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1531.03m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
330	220	200	155	110	2.00	1.27

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1533.00 m
Original total weight : 20.134 g
Retained total weight : 20.035 g

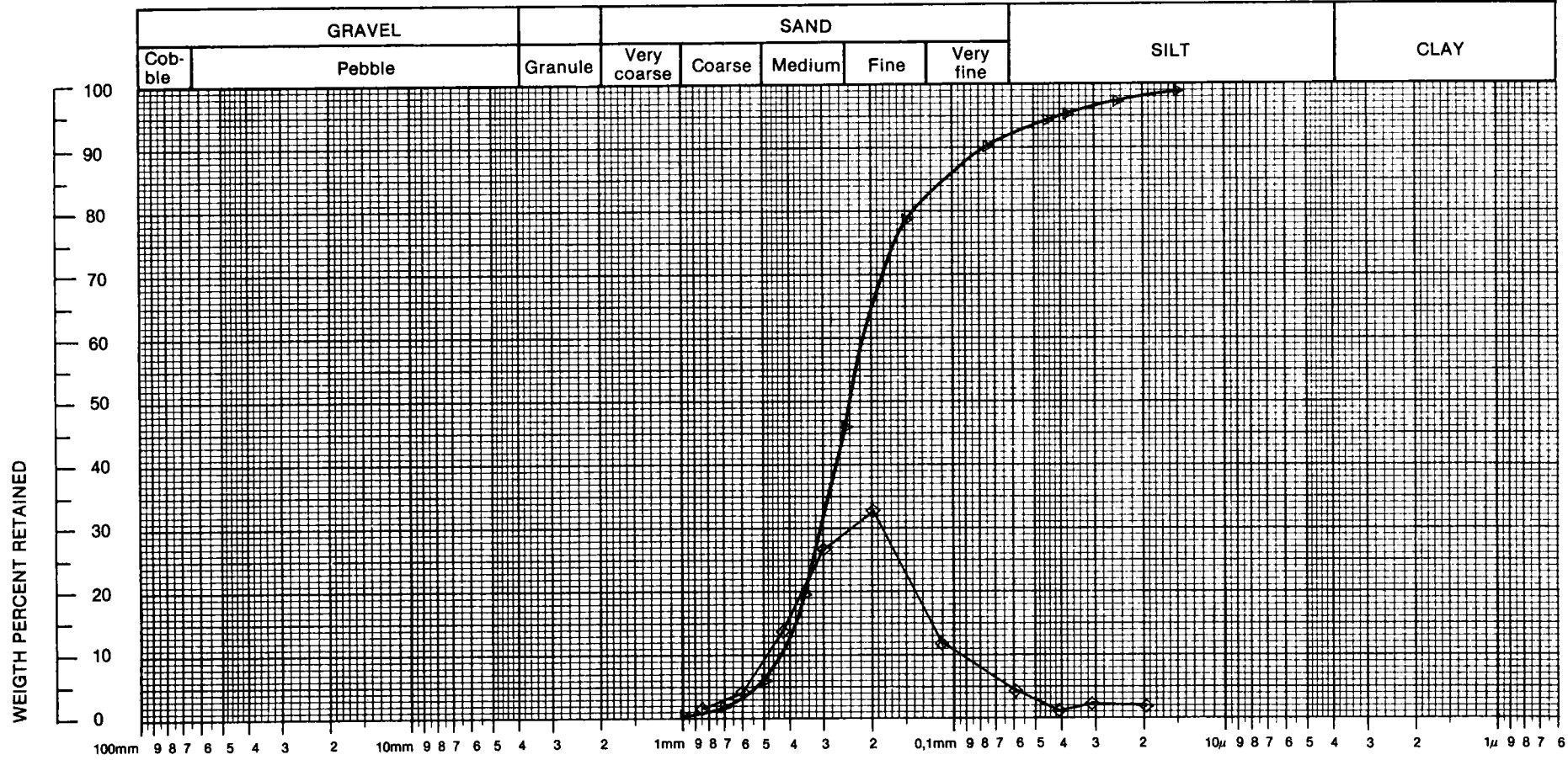
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
1000	0.068	0.34	0.34
710	0.279	1.39	1.73
500	0.811	4.05	5.78
355	2.718	13.57	19.35
250	5.314	26.52	45.87
150	6.537	32.63	78.50
75	2.319	11.57	90.07
45	0.823	4.11	94.18
38	0.185	0.92	95.10
25	0.409	2.04	97.14
15	0.328	1.64	98.78
Less than 15	0.244	1.22	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1533.00m

Grain Size Distribution



GRAIN SIZE

Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
430	270	240	165	75	3.60	1.41

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1535.00 m
Original total weight : 20.109 g
Retained total weight : 19.937 g

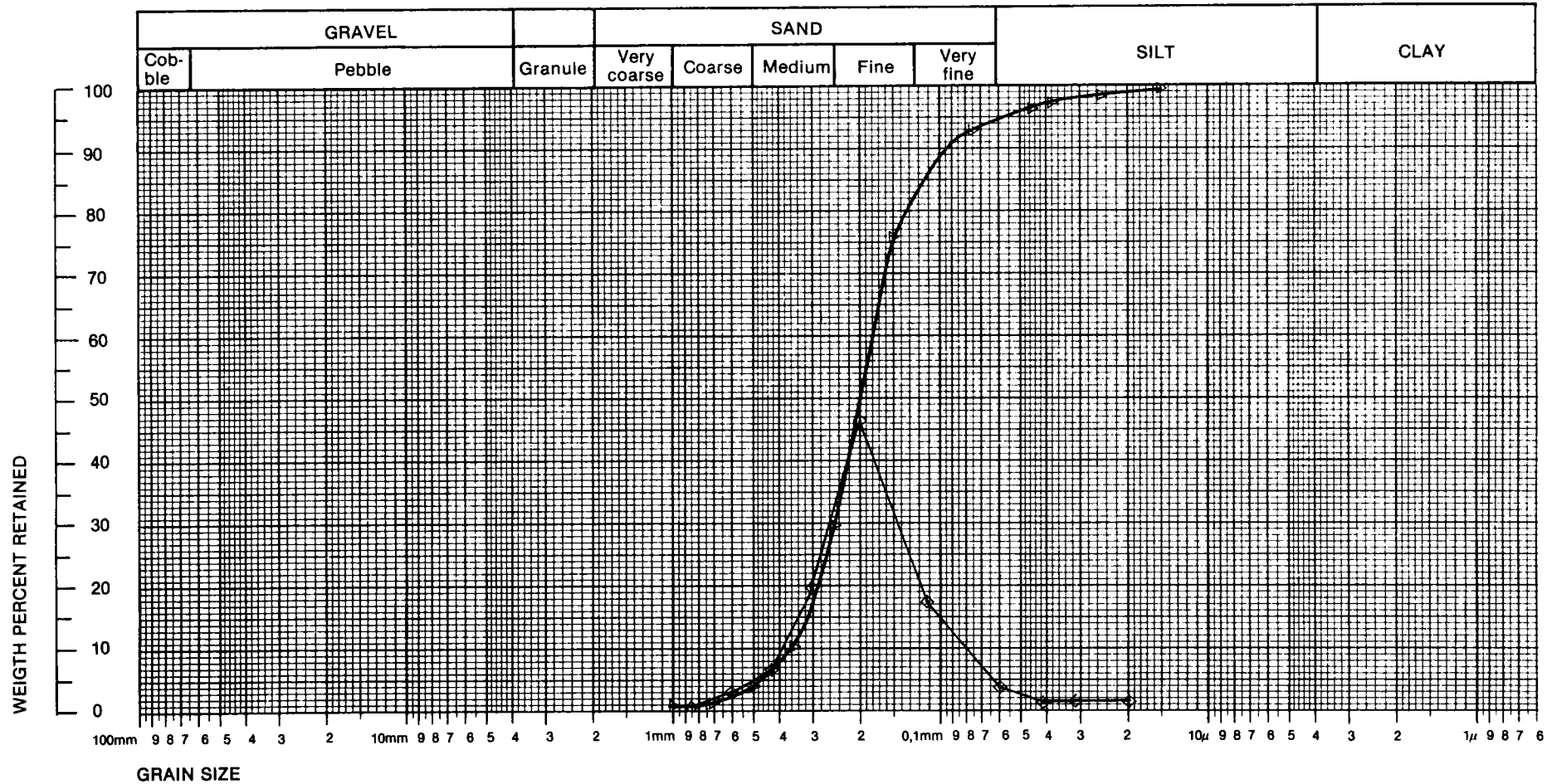
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind.%	Cum.%
1000	0.121	0.61	0.61
710	0.073	0.37	0.97
500	0.540	2.71	3.68
355	1.262	6.33	10.01
250	3.873	19.43	29.44
150	9.205	46.17	75.61
75	3.402	17.06	92.67
45	0.685	3.44	96.11
38	0.188	0.94	97.05
25	0.229	1.15	98.20
15	0.215	1.08	99.28
Less than 15	0.144	0.72	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1535.00m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d ₁₀	d ₄₀	d ₅₀	d ₇₅	d ₉₀	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
360	220	200	150	95	2.32	1.34

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1537.00 m
Original total weight : 20.139 g
Retained total weight : 20.046 g

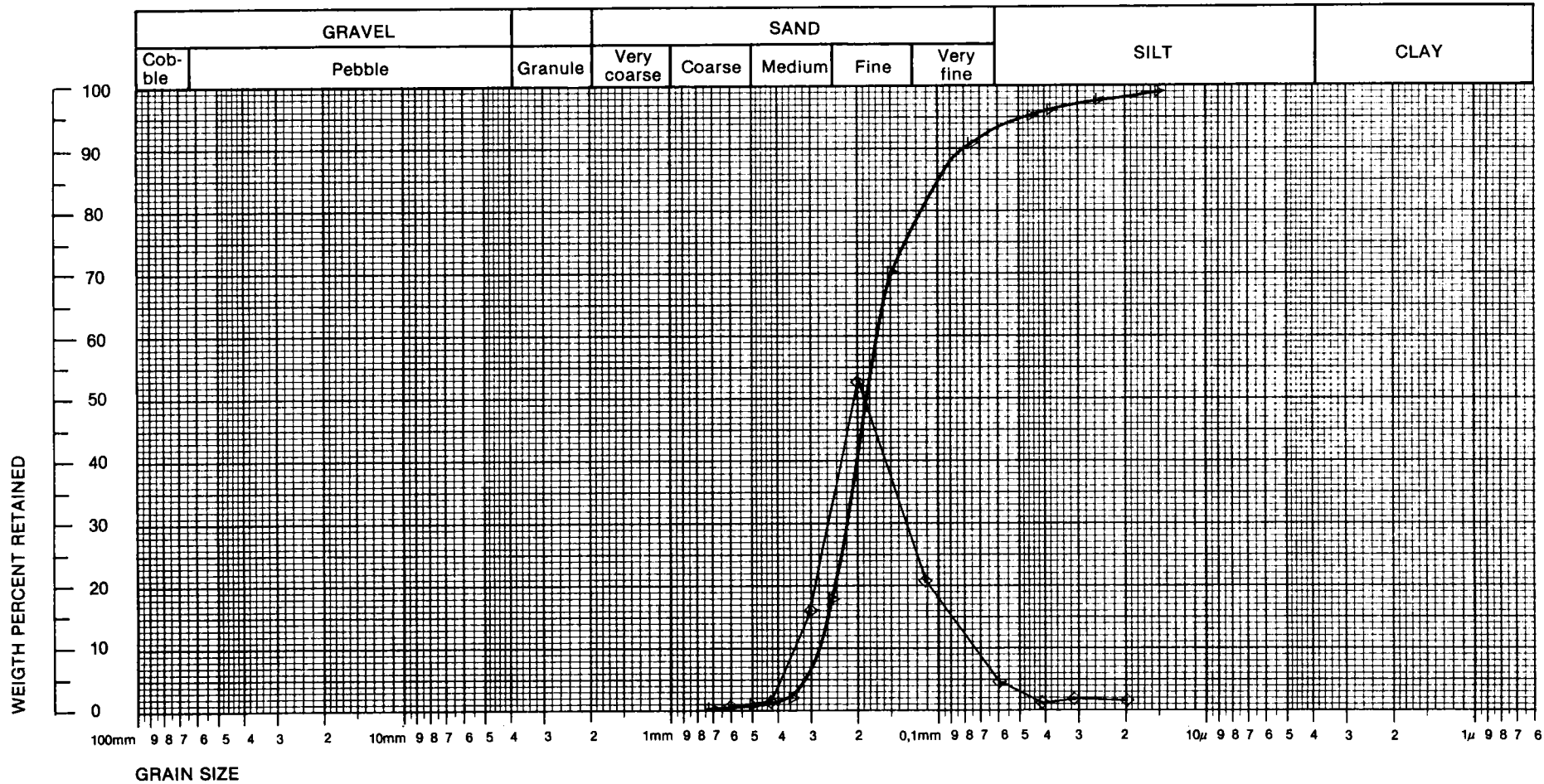
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind.%	Cum.%
710	0.036	0.18	0.18
500	0.100	0.50	0.68
355	0.229	1.14	1.82
250	3.180	15.86	17.68
150	10.514	52.45	70.13
75	4.129	20.60	90.73
45	0.877	4.37	95.11
38	0.194	0.97	96.07
25	0.321	1.60	97.68
15	0.261	1.30	98.98
Less than 15	0.205	1.02	100.00

COMPANY : STATOIL A/S

WELL : 31.6-2

DEPTH : 1537.00m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
280	200	185	132	80	2.50	1.32

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GRAIN SIZE DISTRIBUTION

Depth : 1539.30 m
Original total weight : 20.036 g
Retained total weight : 19.990 g

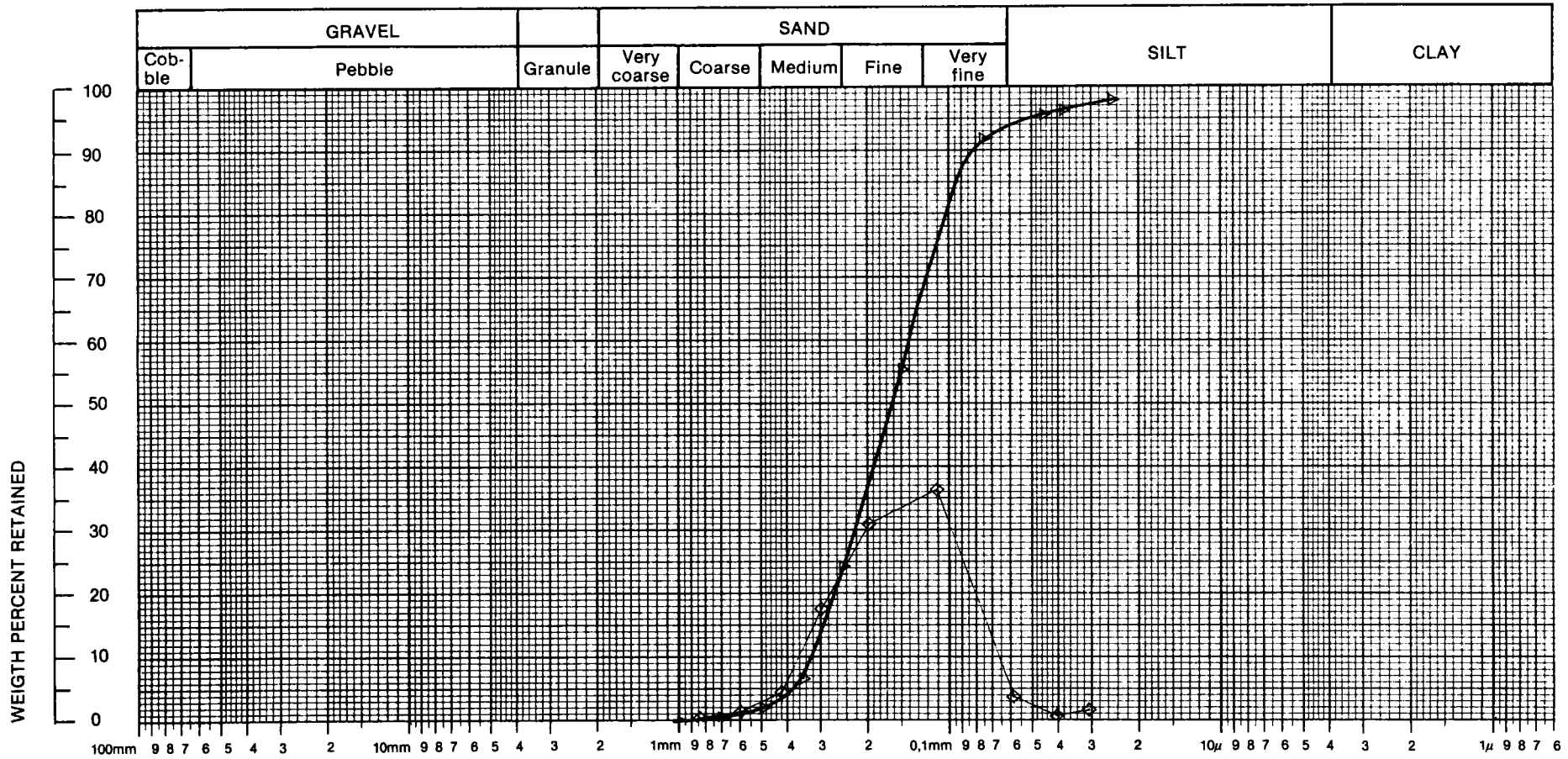
SIEVE APERTURE microns	WEIGHT RETAINED g	WEIGHT PERCENTAGES RETAINED	
		Ind.%	Cum.%
1000	0.009	0.05	0.05
710	0.111	0.56	0.60
500	0.304	1.52	2.12
355	0.917	4.59	6.71
250	3.539	17.70	24.41
150	6.218	31.11	55.52
75	7.288	36.46	91.98
45	0.752	3.76	95.74
38	0.138	0.69	96.43
25	0.318	1.59	98.02
Less than 25	0.396	1.98	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1539.30m

Grain Size Distribution





GRAIN SIZE DISTRIBUTION

Depth : 1541.70 m
Original total weight : 20.047 g
Retained total weight : 19.965 g

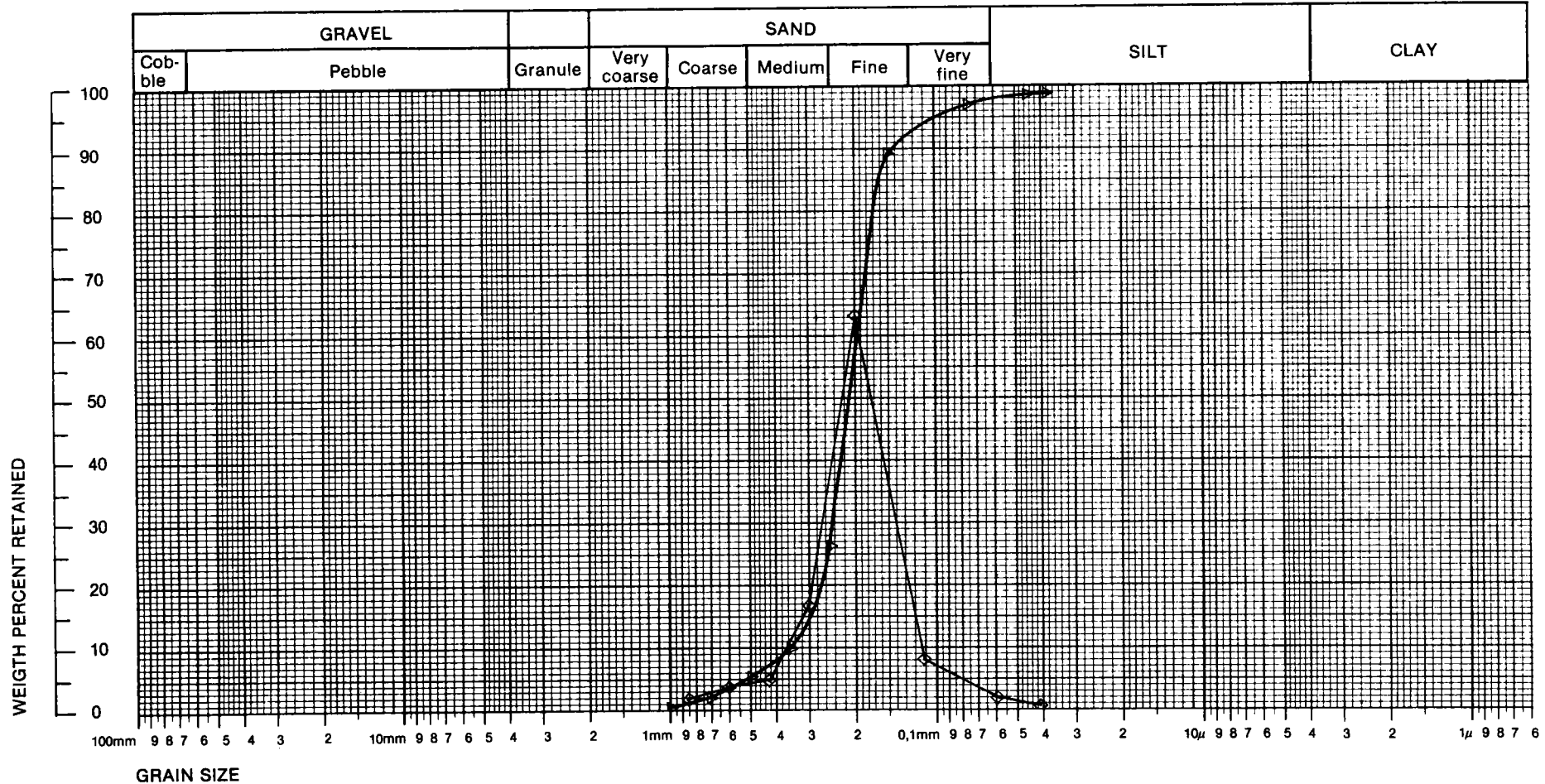
SIEVE APERTURE microns	WEIGHT RETAINED g	WEIGHT PERCENTAGES RETAINED	
		Ind.%	Cum.%
1000	0.031	0.16	0.16
710	0.297	1.49	1.64
500	0.682	3.42	5.06
355	0.898	4.50	9.56
250	3.281	16.43	25.99
150	12.582	63.02	89.01
75	1.550	7.76	96.77
45	0.310	1.55	98.33
38	0.041	0.21	98.53
Less than 38	0.293	1.47	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1541.70m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
350	230	210	175	142	1.62	1.21

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1543.70 m
Original total weight : 20.091 g
Retained total weight : 20.044 g

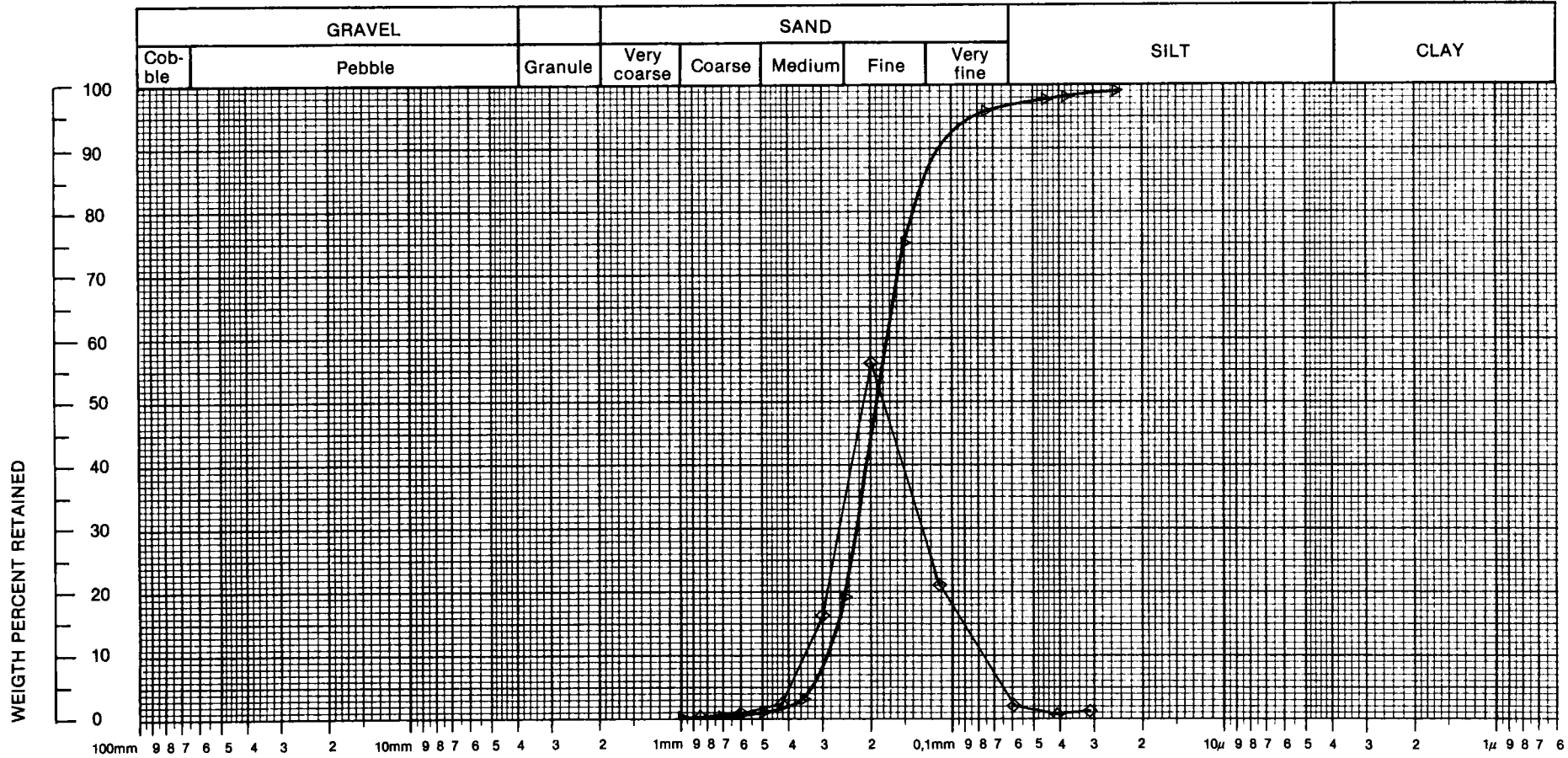
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind.%	Cum.%
1000	0.004	0.02	0.02
710	0.024	0.12	0.14
500	0.130	0.65	0.79
355	0.418	2.09	2.87
250	3.225	16.09	18.96
150	11.208	55.92	74.88
75	4.178	20.84	95.72
45	0.366	1.83	97.55
38	0.080	0.40	97.95
25	0.191	0.95	98.90
Less than 25	0.220	1.10	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1543.70m

Grain Size Distribution



GRAIN SIZE

Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
290	210	190	150	112	1.88	1.25

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1545.73 m
Original total weight : 20.039 g
Retained total weight : 19.944 g

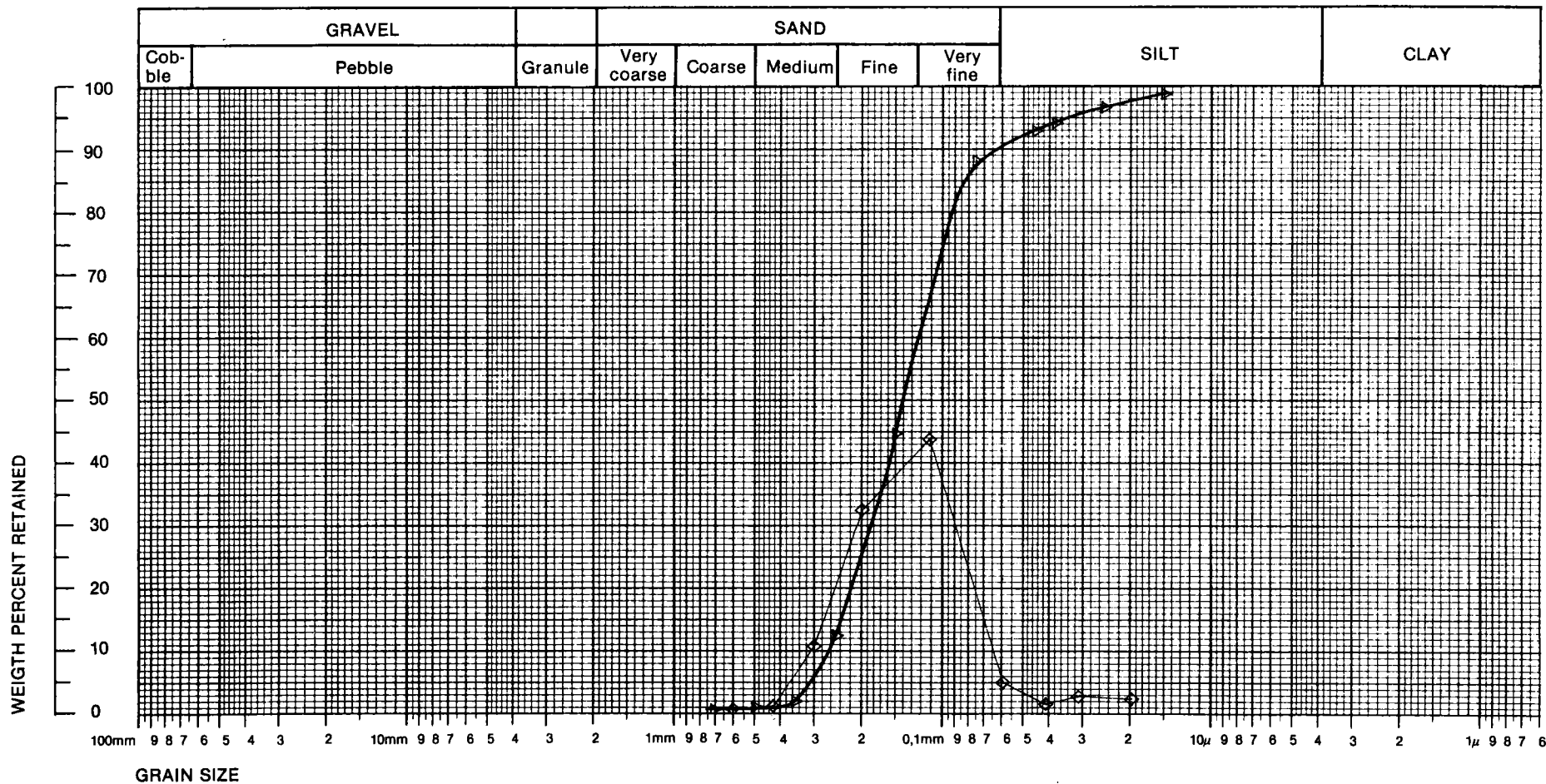
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind.%	Cum.%
710	0.070	0.35	0.35
500	0.093	0.47	0.82
355	0.182	0.91	1.73
250	2.089	10.47	12.20
150	6.430	32.24	44.44
75	8.684	43.54	87.99
45	0.941	4.72	92.70
38	0.253	1.27	93.97
25	0.499	2.50	96.48
15	0.424	2.13	98.60
Less than 15	0.279	1.40	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1545.73m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
260	160	140	100	63	2.54	1.41

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1547.75 m
Original total weight : 20.024 g
Retained total weight : 19.861 g

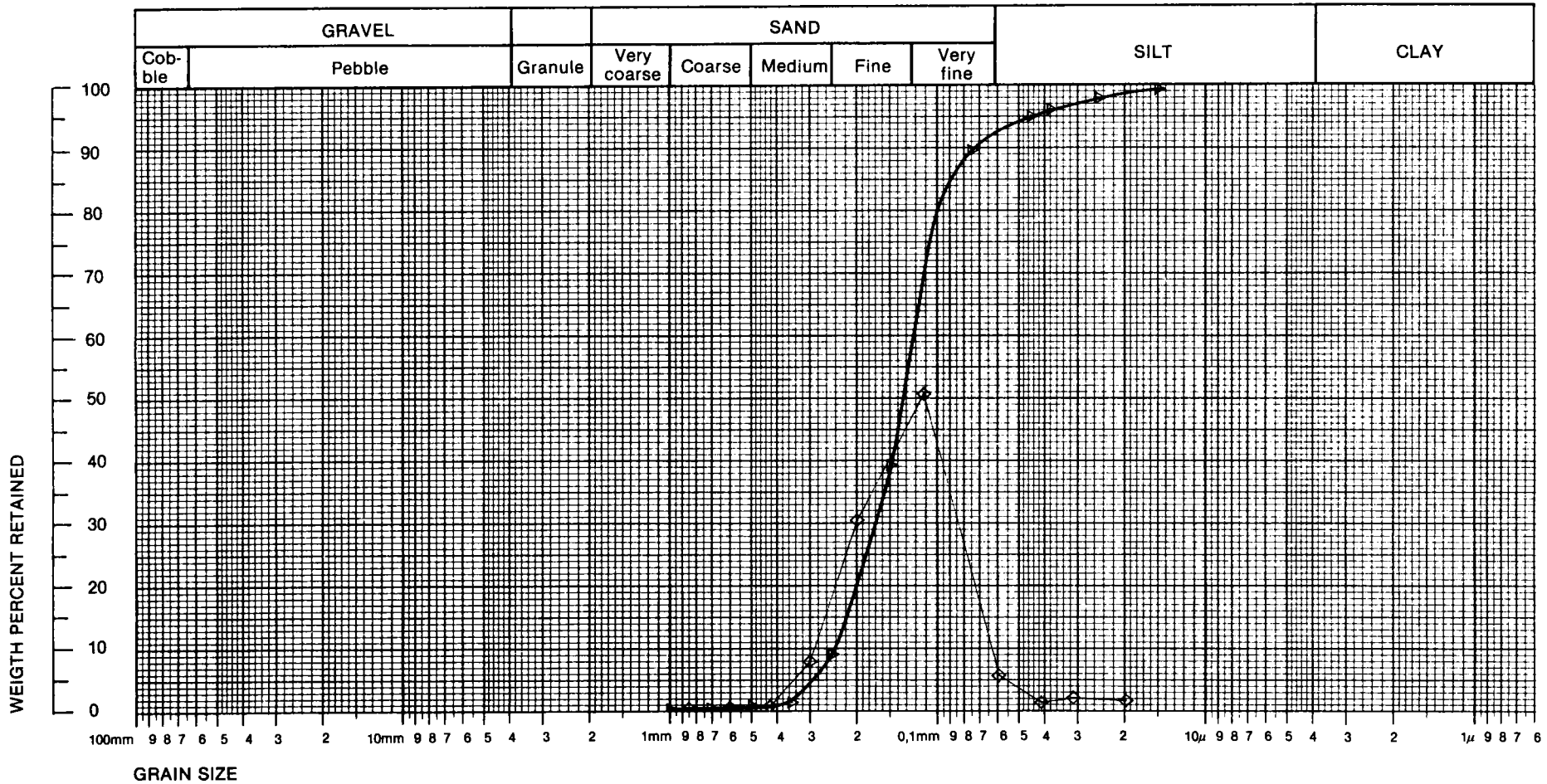
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
1000	0.007	0.04	0.04
710	0.039	0.20	0.23
500	0.074	0.37	0.60
355	0.104	0.52	1.13
250	1.520	7.65	8.78
150	6.006	30.24	39.02
75	10.020	50.45	89.47
45	1.072	5.40	94.87
38	0.215	1.08	95.95
25	0.359	1.81	97.76
15	0.275	1.38	99.14
Less than 15	0.170	0.86	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1547.75m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
240	145	135	105	75	1.93	1.33

20-FEB-84



GRAIN SIZE DISTRIBUTION

Depth : 1549.75 m
Original total weight : 20.026 g
Retained total weight : 19.925 g

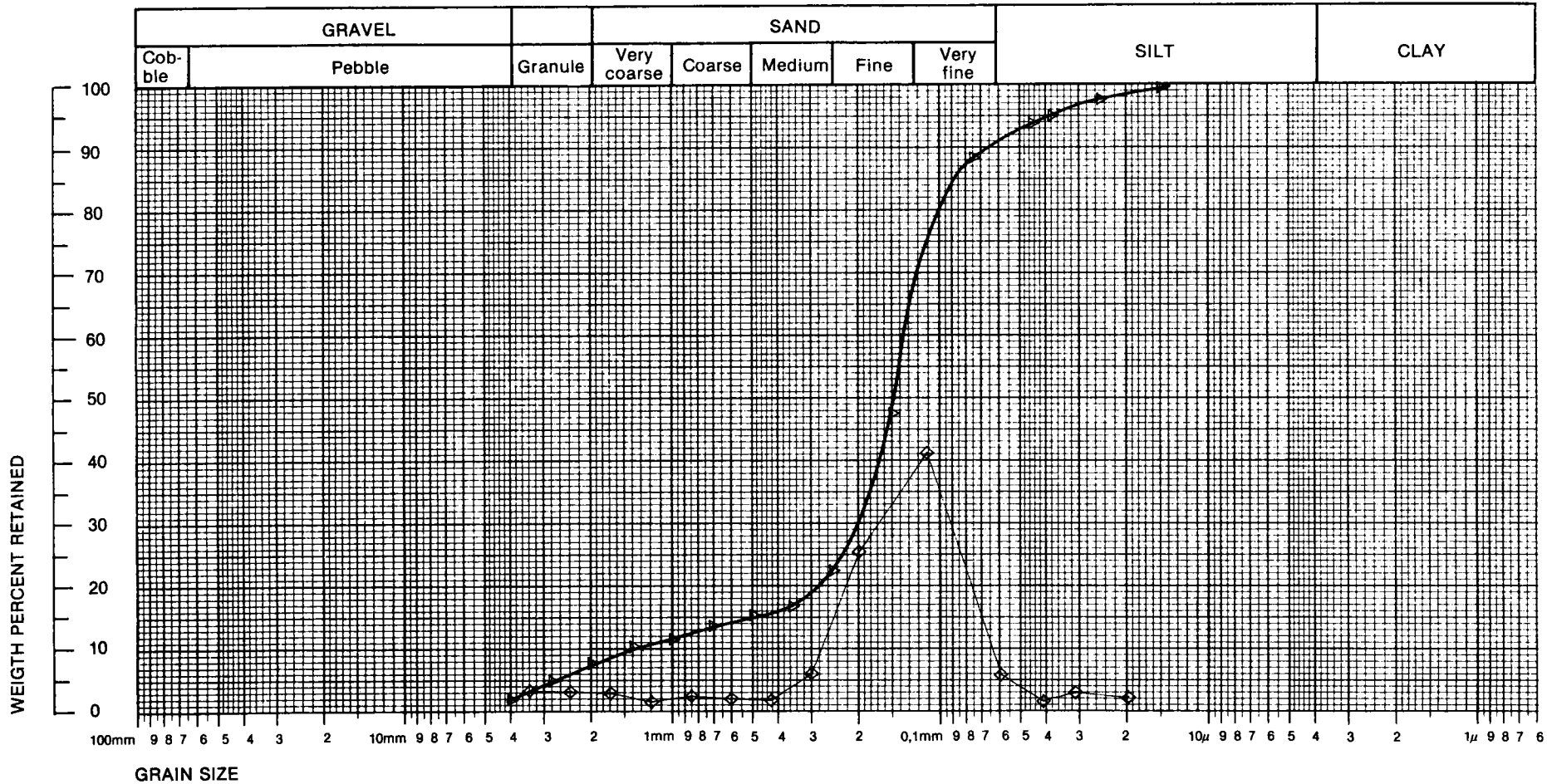
<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
4000	0.319	1.60	1.60
2800	0.599	3.01	4.61
2000	0.567	2.85	7.45
1400	0.519	2.60	10.06
1000	0.237	1.19	11.25
710	0.419	2.10	13.35
500	0.331	1.66	15.01
355	0.282	1.42	16.43
250	1.135	5.70	22.12
150	5.008	25.13	47.26
75	8.143	40.87	88.13
45	1.092	5.48	93.61
38	0.241	1.21	94.82
25	0.522	2.62	97.44
15	0.353	1.77	99.21
Less than 15	0.158	0.79	100.00

COMPANY : STATOIL A/S

WELL : 31/6-2

DEPTH : 1549.75m

Grain Size Distribution



Diameters (Microns)					Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
1400	167	148	112	65	2.57	1.43

20-FEB-84