

Denne rapport
tilhører



L&U DOK. SENTER

L. NR. 30284210036

KODE Well 31/3-2 nr 7

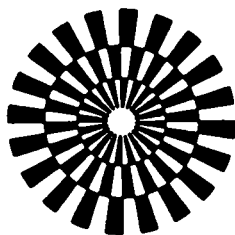
Returneres etter bruk

NORSK HYDRO A/S

GRAIN SIZE DISTRIBUTION ANALYSIS

WELL: 31/3-2

DATE: MAY 1984



GECO

**GEOPHYSICAL COMPANY
OF NORWAY A/S**



NORSK HYDRO A/S

GRAIN SIZE DISTRIBUTION ANALYSIS

WELL: 31/3-2

DATE: MAY 1984



GRAIN SIZE DISTRIBUTION

The four samples selected for analysis 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 : 1567.55 m
Original total weight : 20.486 g
Retained total weight : 20.450 g

<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
1400	0.124	0.61	0.61
1000	0.311	1.52	2.13
710	2.407	11.77	13.90
500	6.818	33.34	47.24
355	3.359	16.43	63.66
250	2.239	10.95	74.61
150	2.158	10.55	85.16
75	2.010	9.83	94.99
45	0.504	2.46	97.46
38	0.092	0.45	97.91
25	0.249	1.22	99.12
Less than 25	0.179	0.88	100.00

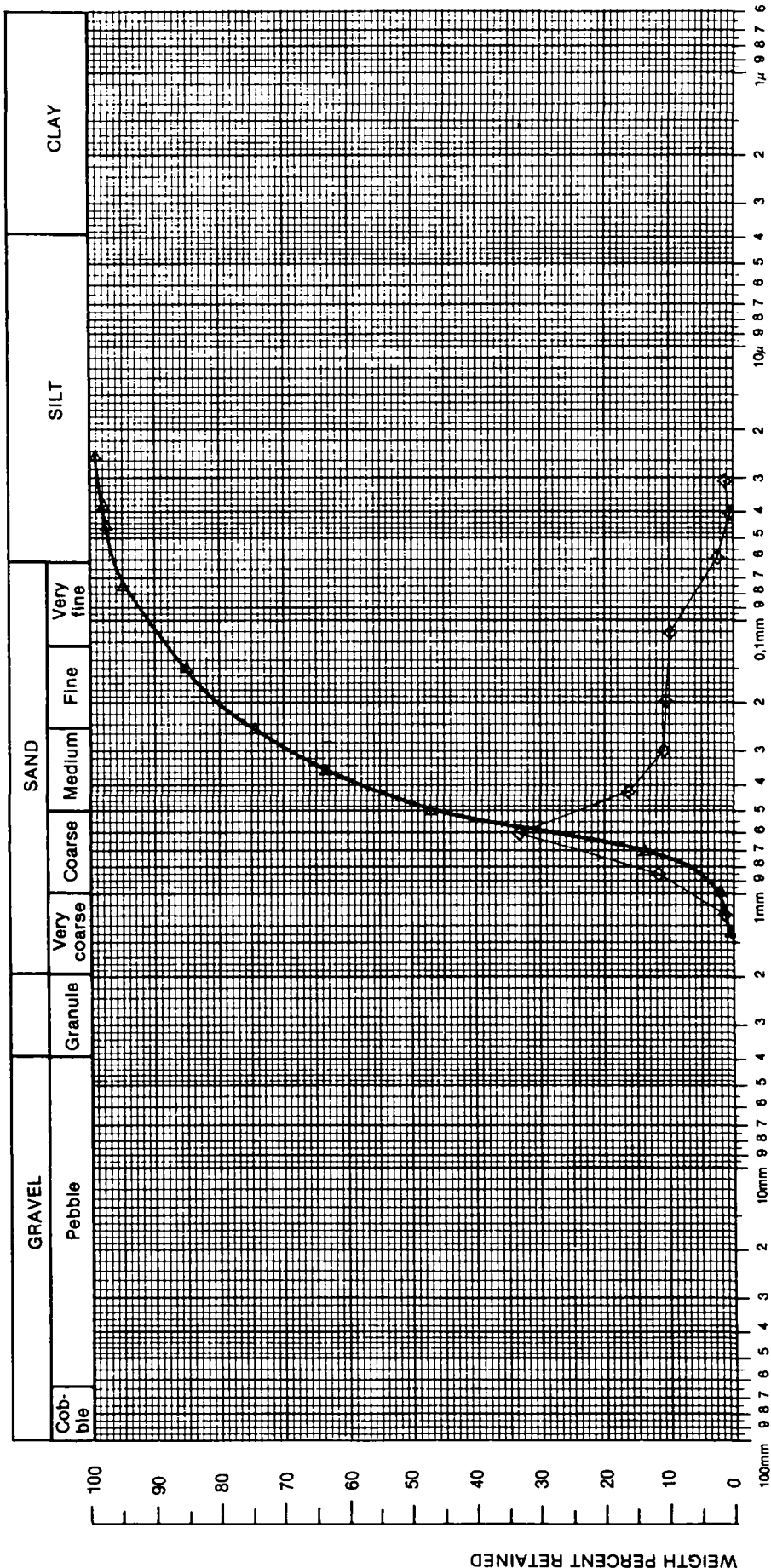


Grain Size Distribution

COMPANY : Norsk Hydro A/S

WELL : 31/3-2

DEPTH : 1567.55m



Diameters (Microns)		Sorting coeff.	
d ₁₀	d ₉₀	C = $\frac{d_{40}}{d_{60}}$	S ₀ = $\sqrt{\frac{d_{25}}{d_{75}}}$
750	108	5.00	1.56



GRAIN SIZE DISTRIBUTION

Depth : 1569.46 m
Original total weight : 20.352 g
Retained total weight : 20.255 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	0.194	0.96	0.96
710	0.256	1.26	2.22
500	0.617	3.05	5.27
355	2.450	12.10	17.36
250	2.838	14.01	31.37
150	4.694	23.17	54.55
75	6.209	30.65	85.20
45	1.544	7.62	92.83
38	0.263	1.30	94.12
25	0.514	2.54	96.66
15	0.400	1.97	98.64
Less than 15	0.276	1.36	100.00

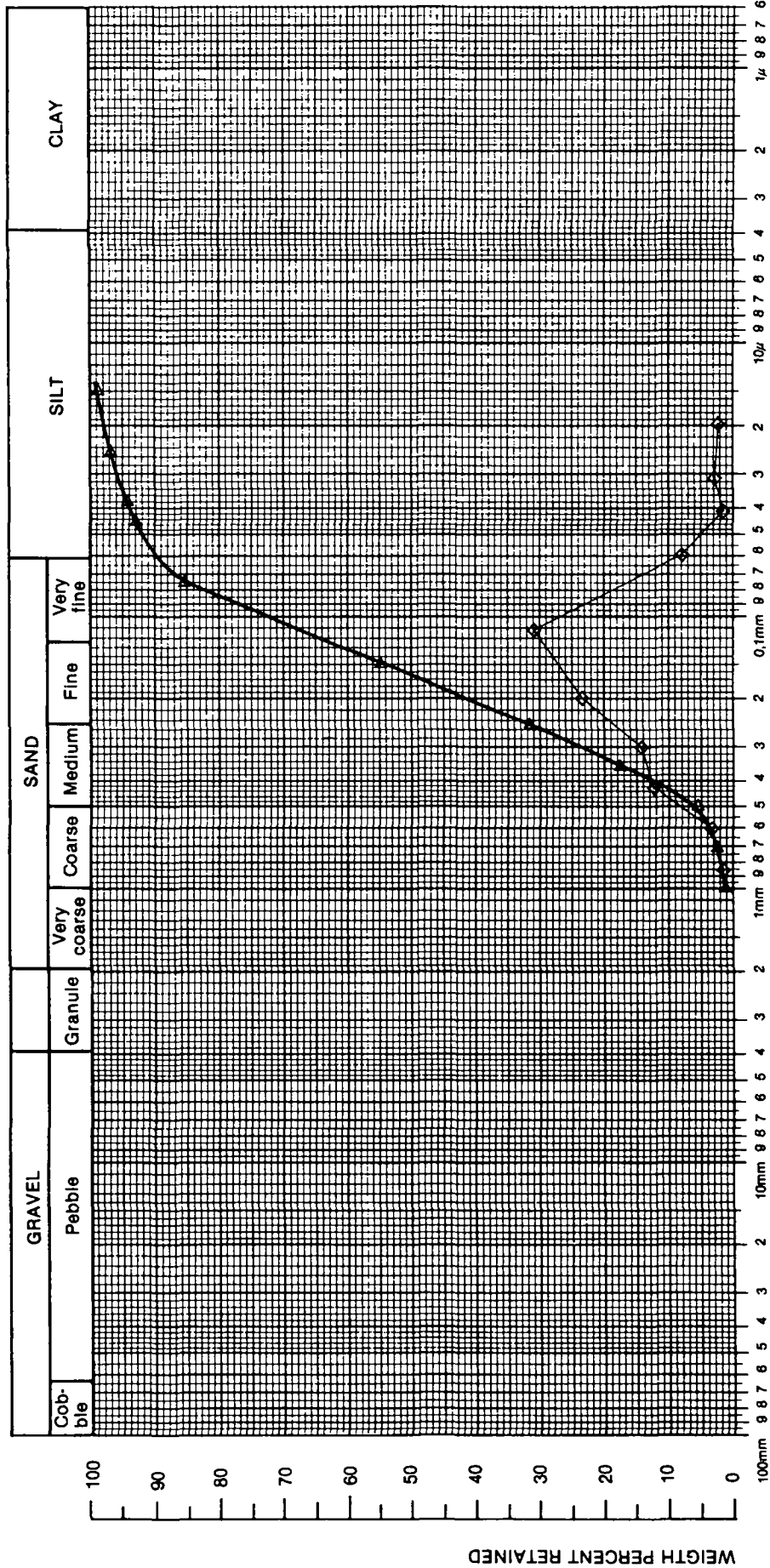
COMPANY : Norsk Hydro A/S

WELL : 31/3-2

DEPTH : 1569.46m



Grain Size Distribution



GRAIN SIZE

Diameters (Microns)				Sorting coeff.	
d_{10}	d_{40}	d_{50}	d_{75}	d_{90}	$C = \frac{d_{40}}{d_{90}}$
430	205	165	95	58	3.53
					$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
					1.75



GRAIN SIZE DISTRIBUTION

Depth : 1572.15 m
Original total weight : 20.462 g
Retained total weight : 20.455 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	0.490	2.40	2.40
2800	2.564	12.53	14.93
2000	2.336	11.42	26.35
1400	2.687	13.14	39.49
1000	2.131	10.42	49.90
710	3.393	16.59	66.49
500	3.792	18.54	85.03
355	2.176	10.64	95.67
250	0.654	3.20	98.87
150	0.075	0.37	99.23
Less than 150	0.157	0.77	100.00

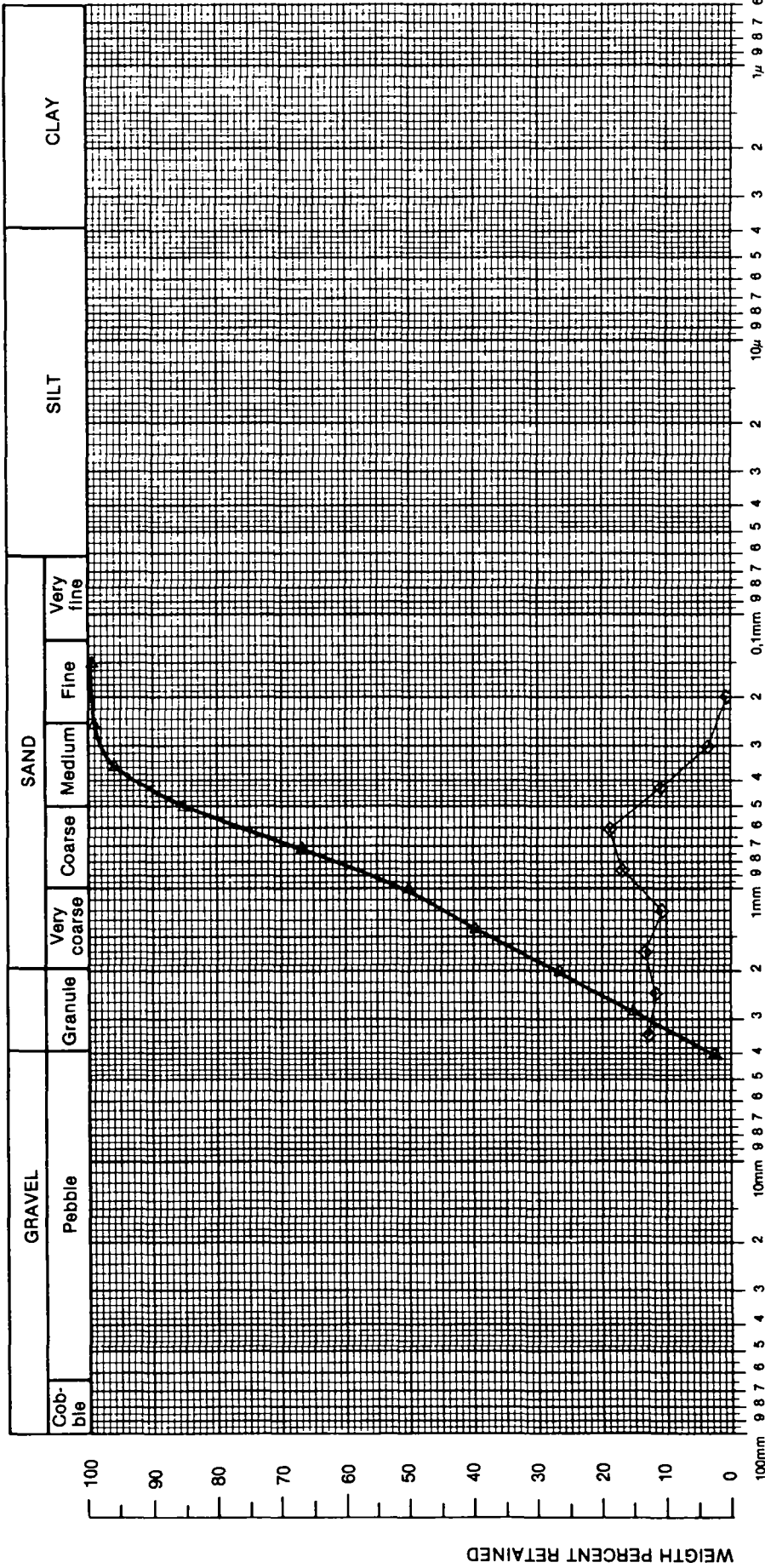
COMPANY : Norsk Hydro A/S

WELL : 31/3-2

DEPTH : 1572.15m



Grain Size Distribution



Diameters (Microns)				Sorting coeff.	
d ₁₀	d ₅₀	d ₇₅	d ₉₀	$C = \frac{d_{40}}{d_{60}}$	$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
3300	1030	610	440	3.18	2.10



GRAIN SIZE DISTRIBUTION

Depth : 1575.05 m
Original total weight : 20.146 g
Retained total weight : 20.001 g

<u>SIEVE</u> <u>APERTURE</u> microns	<u>WEIGHT</u> <u>RETAINED</u> g	<u>WEIGHT PERCENTAGES</u> <u>RETAINED</u>	
		Ind. %	Cum. %
2800	0.319	1.59	1.59
2000	0.304	1.52	3.11
1400	2.402	12.01	15.12
1000	3.506	17.53	32.65
710	4.233	21.16	53.82
500	2.718	13.59	67.41
355	1.299	6.49	73.90
250	1.038	5.19	79.09
150	1.479	7.39	86.49
75	1.362	6.81	93.30
45	0.701	3.50	96.80
38	0.136	0.68	97.48
25	0.352	1.76	99.24
Less than 25	0.152	0.76	100.00

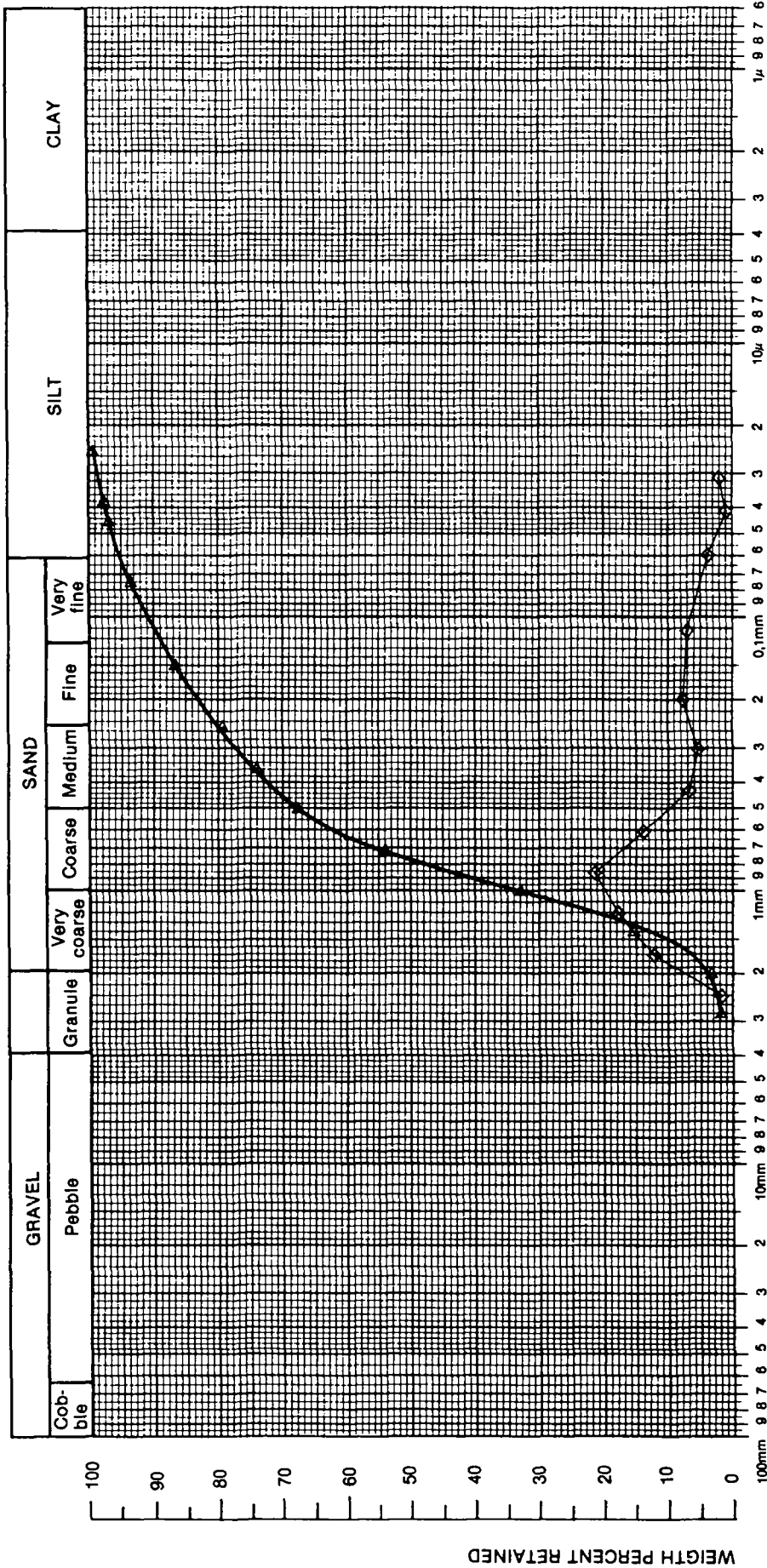
COMPANY : Norsk Hydro A/S

WELL : 31/3-2

DEPTH : 1575.05m



Grain Size Distribution



GRAIN SIZE

Diameters (Microns)			Sorting coeff.	
d ₁₀	d ₅₀	d ₇₅	d ₈₀	$C = \frac{d_{40}}{d_{60}}$
1500	775	350	110	8.18
				$S_o = \sqrt{\frac{d_{25}}{d_{75}}}$
				1.79