WELL 31/2-2

Grainsize distribution at :

1547,6 m B.D.F.
1554,5 —·—
1556,5 —··—
1558,5 —·—
1562,0 —·—
1566,0 —·—
1571,5 —··—
1574,5 —·—
1577,0 —·—
1579,75 —·—
1580,96 —··—
1585,22 —··—
1586,5 —·—
1588,0 —··—
1589,5 —··—
1593,5 —··—

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1547.6
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT grams	INDIV%	CUM%
VERY COARSE SAND		mm					
		1.0			0,0060	0.01	100,00
COARSE SAND							
		0,5			8,9252	8,95	99,99
MEDIUM SAND							
		0,25			28,2205	28,30	91,04
FINE SAND							
		0,125			20,3731	20,43	62,74
VERY FINE SAND							
		0,063			17,6023	17,65	42,31
CLAY + SILT		<63µ			24,5864	24,66	24,66
	RECEIVER				99,7135	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100-%sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 75,34 % of insoluble

CALCULATING FACTOR

$f = \frac{100}{\text{net insoluble}} =$

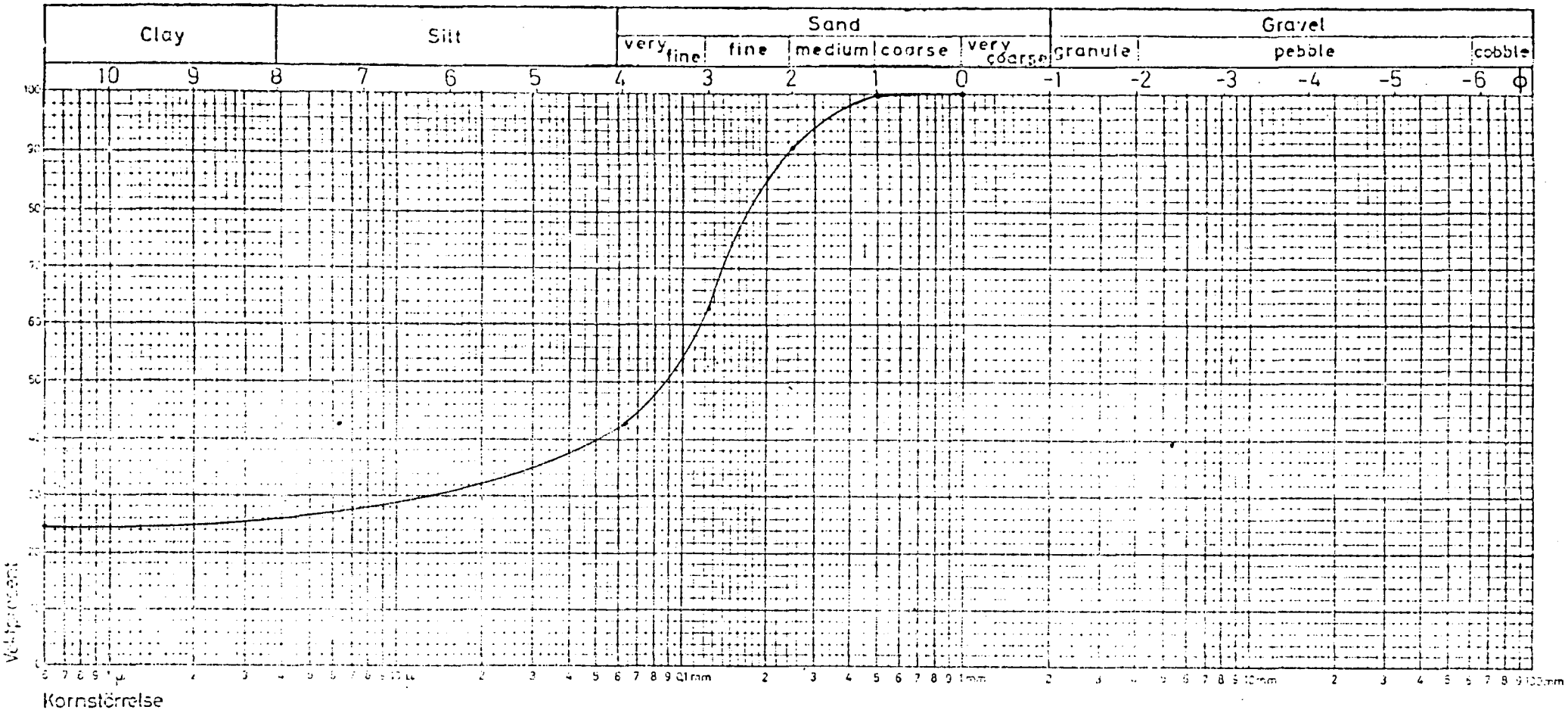
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84}-d_{16}}{4} + \frac{d_{95}-d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1547.6							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1554.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND		4.0			0,5481	0.55	100,00
		2.0			0		
		1.0			2,9195	2,92	99,45
COARSE SAND							
		0.5			12,6409	12,64	96,53
MEDIUM SAND							
		0,25			38,3563	38,37	83,89
FINE SAND							
		0,125			19,8169	19,82	45,52
VERY FINE SAND							
		0,063			7,2792	7,28	25,70
CLAY + SILT		<63µ			18,4102	18,42	18,42
	RECEIVER				99,9707	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 81,58 % of insoluble

CALCULATING FACTOR

$f = \frac{100}{\text{net insoluble}} =$

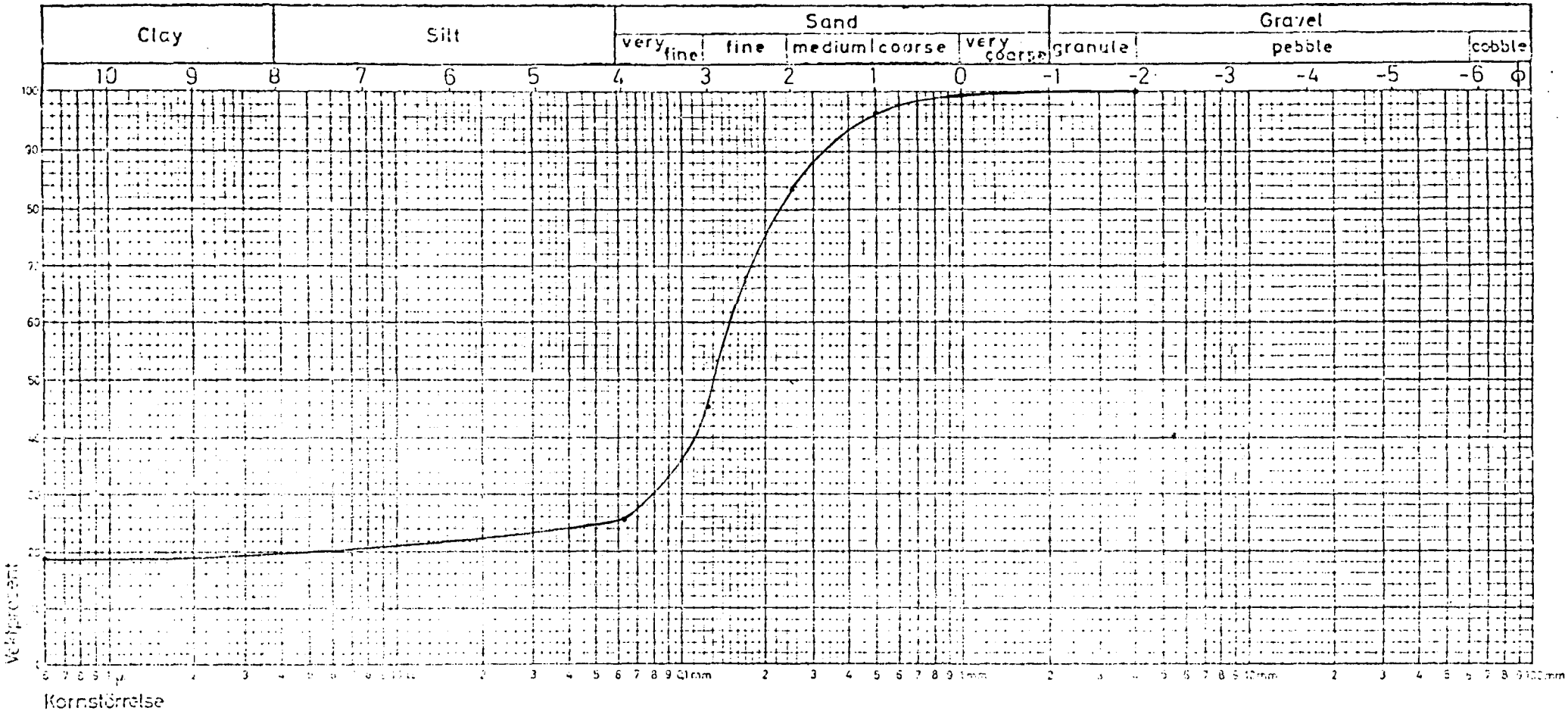
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$\sigma_{f/m} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1554.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1556.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND		4.0			1.0763	1.08	100.00
		2.0			2.2349	2.24	98.92
		1.0			3.8617	3.87	96.68
COARSE SAND							
		0.5			11.2898	11.31	92.81
MEDIUM SAND							
		0.25			23.2994	23.28	81.50
FINE SAND							
		0.125			20.9638	20.99	58.22
VERY FINE SAND							
		0.063			10.3289	10.34	37.23
CLAY + SILT		<63µ			26.8550	26.89	26.89
	RECEIVER				99.8598	100.00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100.00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 44µ sieve after wet sieving)

GROSS
FILTER
NET : 73.11 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

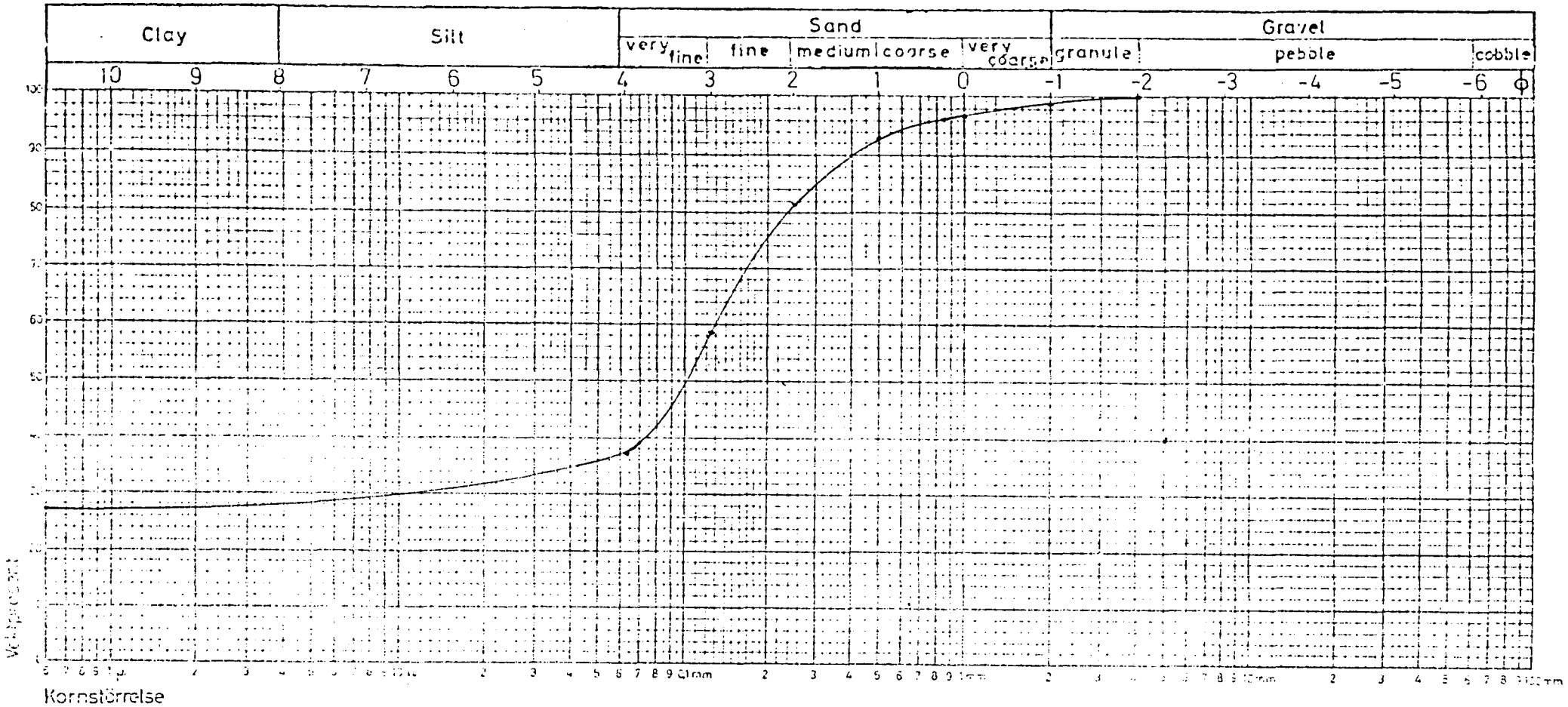
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$\sigma_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1556.5							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1558.5

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND		4.0			0,4656	0,47	100,00
		2.0			4,9074	4,91	99,53
		1.0			9,9629	9,97	94,62
COARSE SAND							
		0.5			18,6613	18,67	84,65
MEDIUM SAND							
		0.25			22,3176	22,33	65,98
FINE SAND							
		0,125			15,1447	15,15	43,65
VERY FINE SAND							
		0,063			7,8204	7,83	28,50
CLAY + SILT		<63µ			20,6613	20,67	20,67
	RECEIVER				99,9412	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100-%sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 63µ sieve after wet sieving)

GROSS

FILTER

NET : 79.33 % of insoluble

CALCULATING FACTOR

$$\text{Factor} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

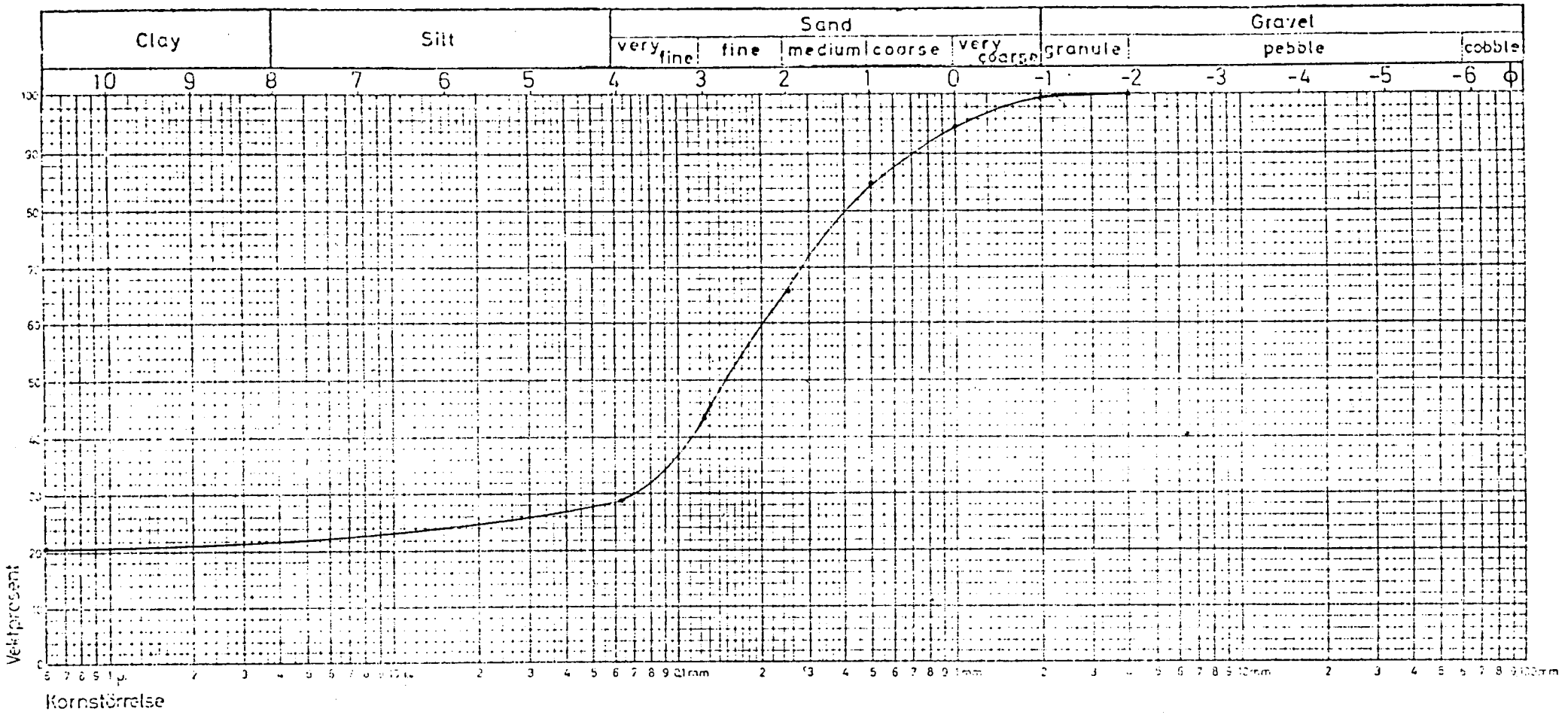
d_{95}

$$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1558.5							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1562.0

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND		4,0			1,8057	1,81	100,00
		2.0			6,8255	6,83	98,19
		1,0			17,8307	17,83	91,36
COARSE SAND							
		0,5			32,5710	32,58	73,53
MEDIUM SAND							
		0,25			11,1503	11,15	40,95
FINE SAND							
		0,125			5,7986	5,80	29,80
VERY FINE SAND							
		0,063			7,7107	7,71	24,00
CLAY + SILT		<63µ			16,2832	16,29	16,29
	RECEIVER				99,9257	100,00	0
	Fraction passed through 44µ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 44µ sieve after wet sieving)

GROSS

FILTER

NET : 83,71 % of insoluble

CALCULATING FACTOR

$\text{Cf} = \frac{100}{\text{net insoluble}} =$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

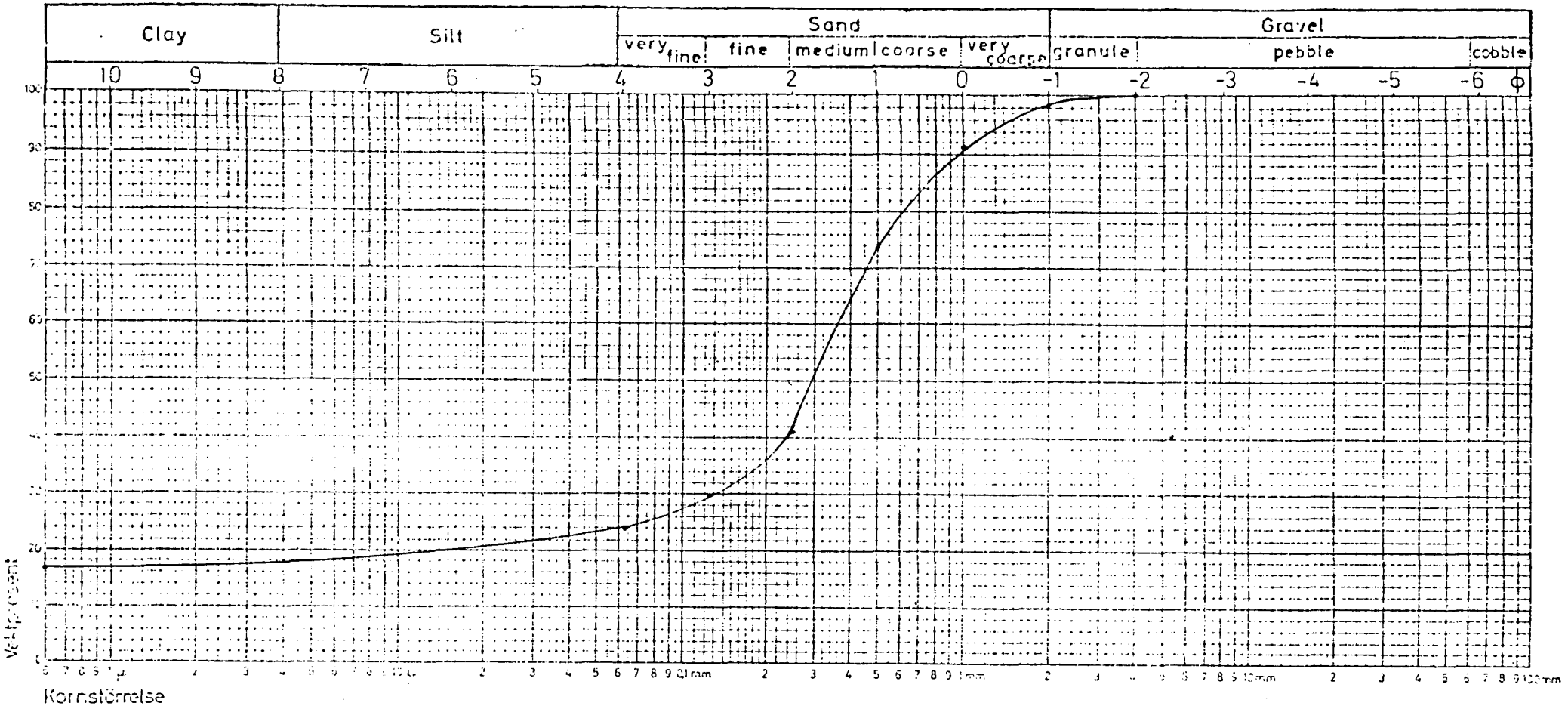
d_{95}

$S_{\phi\phi} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1562.0							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1566.0
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
COARSE SAND						
	0.5			0.2321	0.23	100.00
MEDIUM SAND						
	0.25			2.3096	2.31	99.77
FINE SAND						
	0.125			52.3201	52.35	97.46
VERY FINE SAND						
	0.063			30.4375	30.46	45.11
CLAY + SILT	<63µ			14.6465	14.65	14.65
	RECEIVER			99.9458	100.00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100.00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 85.35 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

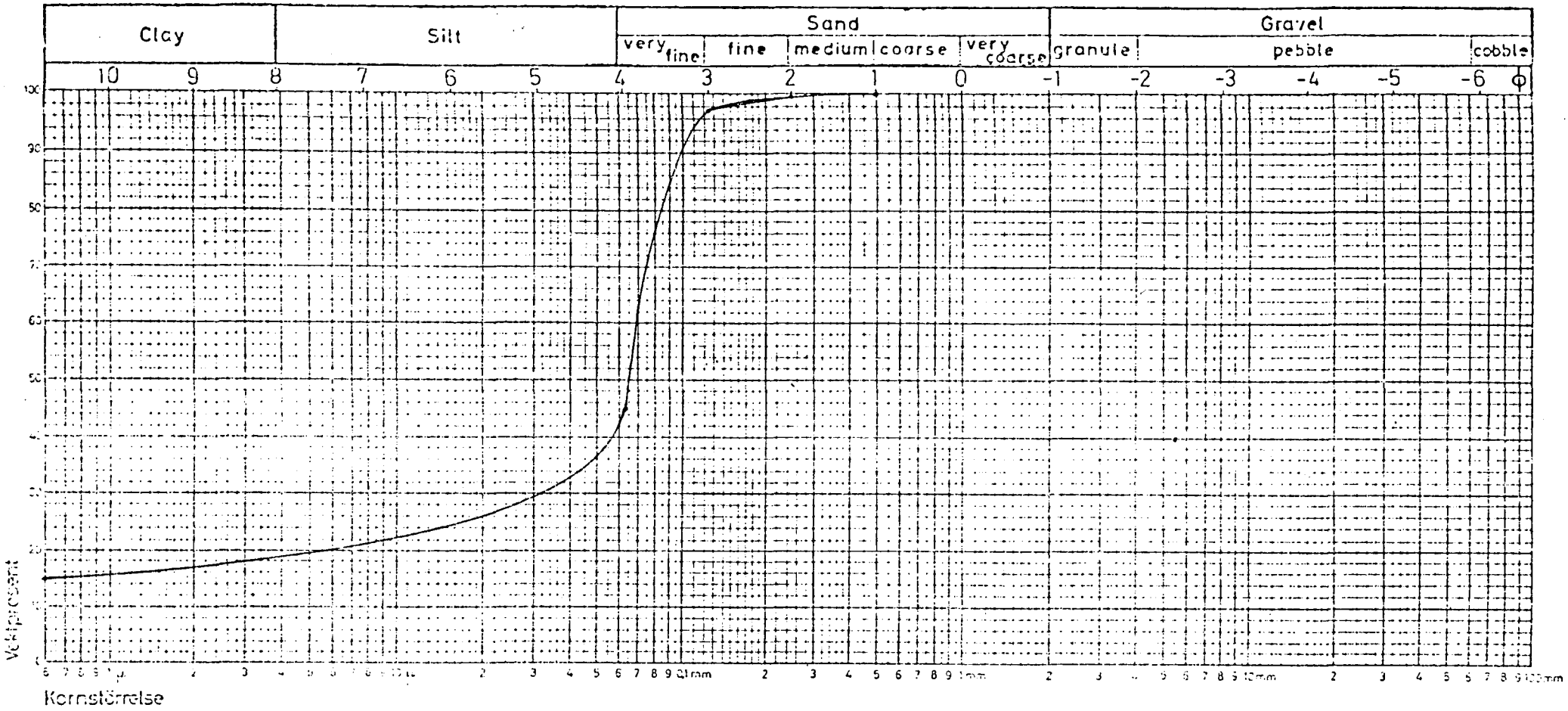
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$\sigma_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1566.0							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1571.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
COARSE SAND							
		0,5			0,2057	0,20	100,00
MEDIUM SAND							
		0,25			2,4247	2,43	99,80
FINE SAND							
		0,125			47,4973	47,53	97,37
VERY FINE SAND							
		0,063			35,9713	36,00	49,84
CLAY + SILT		<63µ			13,8311	13,84	13,84
	RECEIVER				99,9301	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (= coarse silt)
(retained on 4 63µ sieve after wet sieving)

GROSS
FILTER
NET : 86,16 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

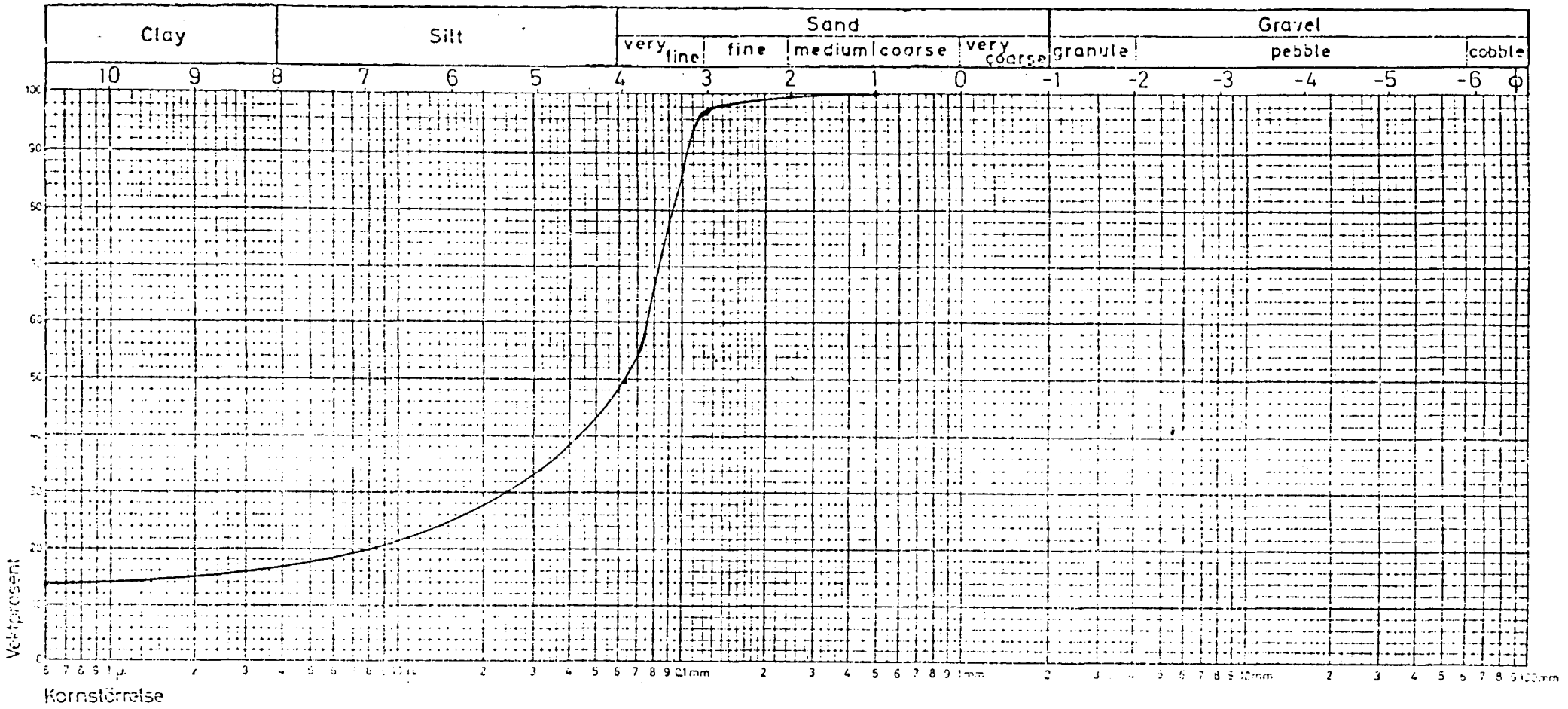
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{f/w} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1571.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1574.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
COARSE SAND							
		0,5			0,2506	0,26	100,00
MEDIUM SAND							
		0,25			1,1043	1,16	99,74
FINE SAND							
		0,125			27,5961	29,05	98,58
VERY FINE SAND							
		0,063			47,7555	50,28	69,53
CLAY + SILT		<63µ			18,2793	19,25	19,25
	RECEIVER				94,9858	100,00	0
	Fraction passed through 63µ sieve during wet sieving procedure (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 95,00 g ≙ 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER :
NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 80,75 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

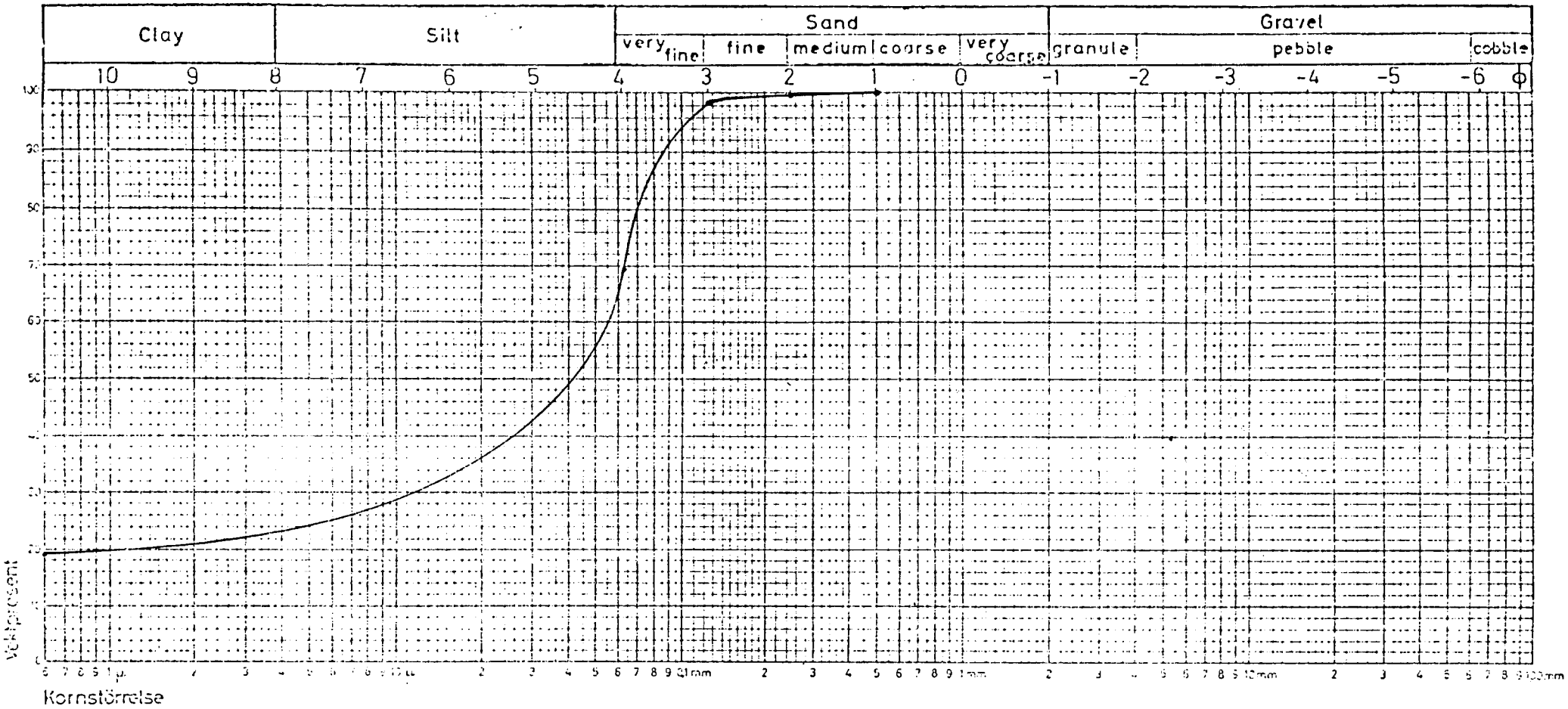
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1574.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1577.0
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		2,0			0,4863	0,48	100,00
		1,0			3,6169	3,62	99,52
COARSE SAND							
		0,5			16,7802	16,78	95,90
MEDIUM SAND							
		0,25			32,8705	32,87	79,12
FINE SAND							
		0,125			16,7763	16,78	46,25
VERY FINE SAND							
		0,063			8,6890	8,69	29,47
CLAY + SILT		<63µ			20,7785	20,78	20,78
	RECEIVER				99,9977	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g ≙ 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 79,22 % of insoluble

CALCULATING FACTOR

$f = \frac{100}{\text{net insoluble}} =$

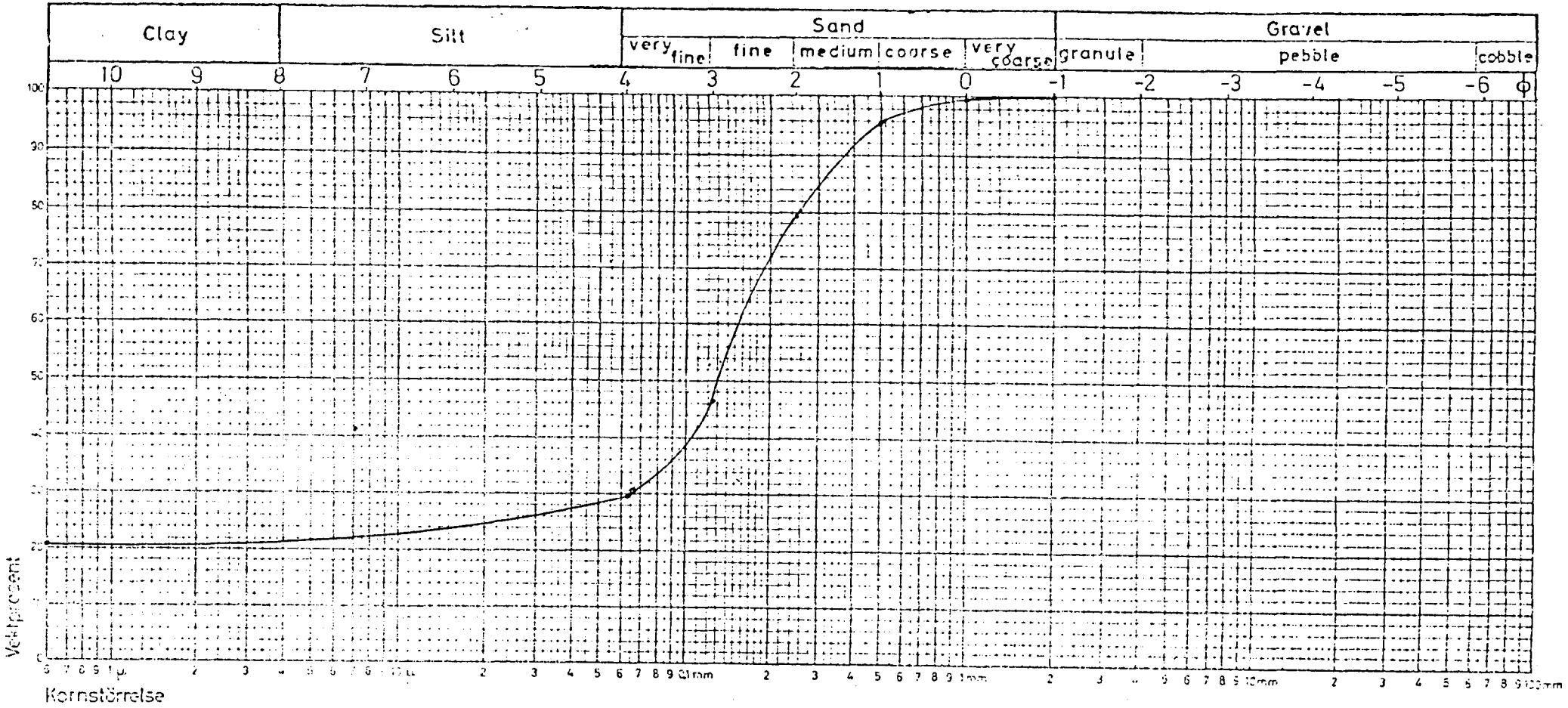
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2 - 2	1577.0							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1579.75
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		2.0			0,3026	0,30	100,00
		1.0			2,2952	2,30	99,70
COARSE SAND							
		0,5			6,0922	6,09	97,40
MEDIUM SAND							
		0,25			46,3633	46,30	91,31
FINE SAND							
		0125			30,4831	30,50	44,93
VERY FINE SAND							
		0,063			7,6661	7,67	14,43
CLAY + SILT		<63µ			6,7617	6,76	6,76
	RECEIVER				99,9642	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 4µ sieve after wet sieving)

GROSS
FILTER
NET : 93,24 % of insoluble

CALCULATING FACTOR

$F = \frac{100}{\text{net insoluble}} =$

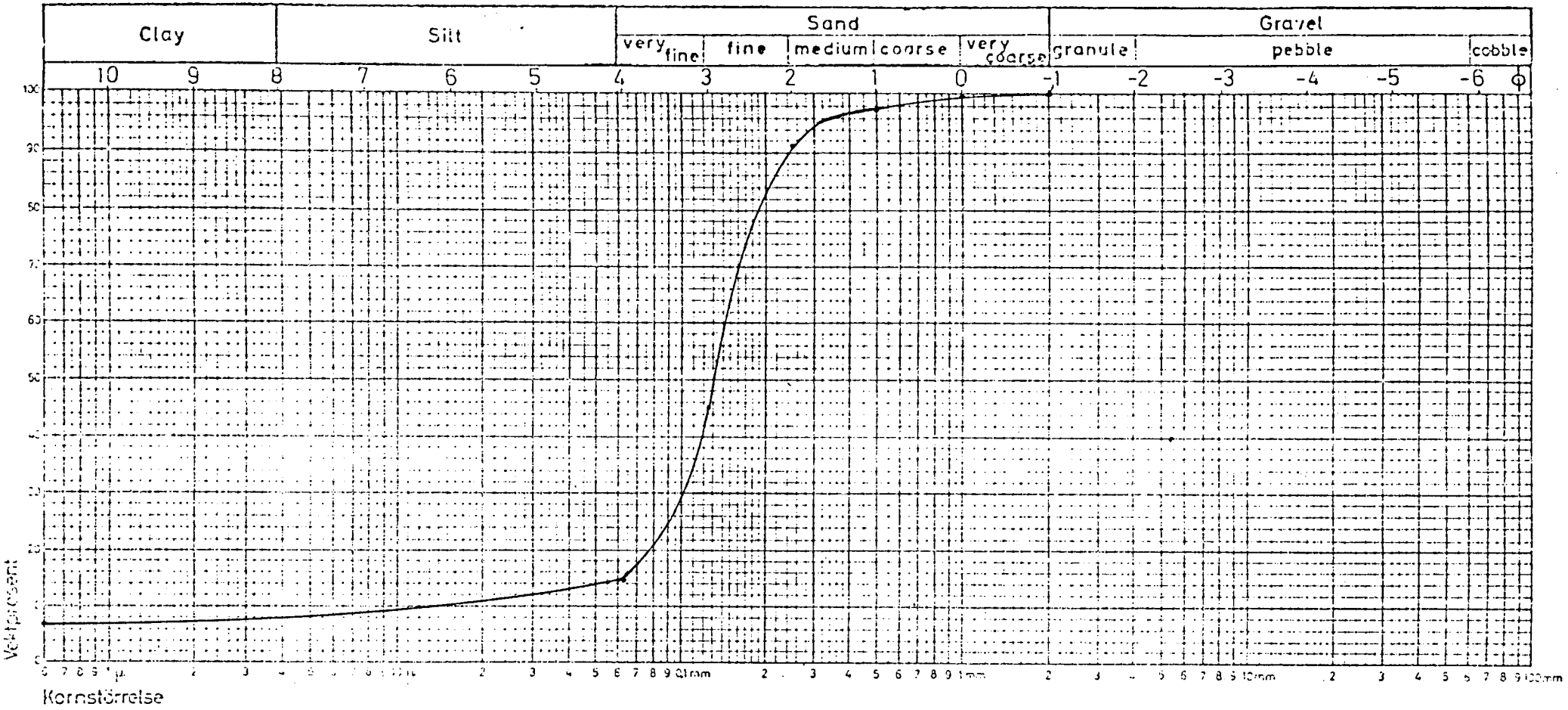
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS Innholder kull

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1579.75							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1580.96
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
	1,0			0,3202	0,32	100,00
COARSE SAND						
	0,5			7,2137	7,22	99,68
MEDIUM SAND						
	0,25			54,6784	54,70	92,46
FINE SAND						
	0,125			26,3692	26,38	37,76
VERY FINE SAND						
	0,063			2,6000	2,60	11,38
CLAY + SILT	<63µ			8,7771	8,78	8,78
	RECEIVER			99,9586	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g ≙ 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 40µ sieve after wet sieving)

GROSS
FILTER
NET : 91,22 % of insoluble

CALCULATING FACTOR

$\Phi = \frac{100}{\text{net insoluble}} =$

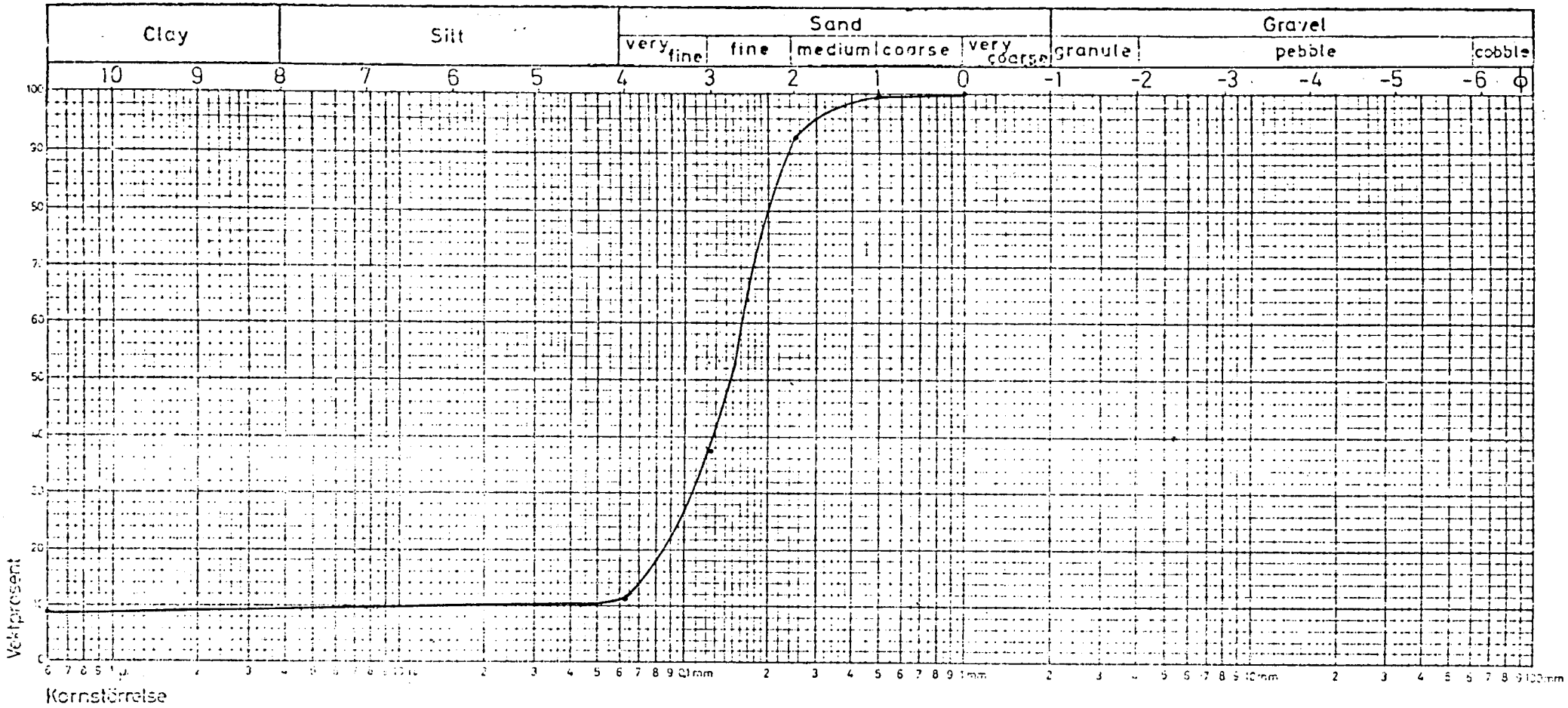
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1580.96							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1585,22
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT grams	INDIV%	CUM%
VERY COARSE SAND		mm					
		1,0			0,9144	0,91	100,00
COARSE SAND							
		0,5			10,9392	10,94	99,09
MEDIUM SAND							
		0,25			52,9141	52,91	88,15
FINE SAND							
		0,125			28,0973	28,10	35,24
VERY FINE SAND							
		0,063			2,8053	2,81	7,14
CLAY + SILT		<63µ			4,3284	4,33	4,33
	RECEIVER				99,9987	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 95,67 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

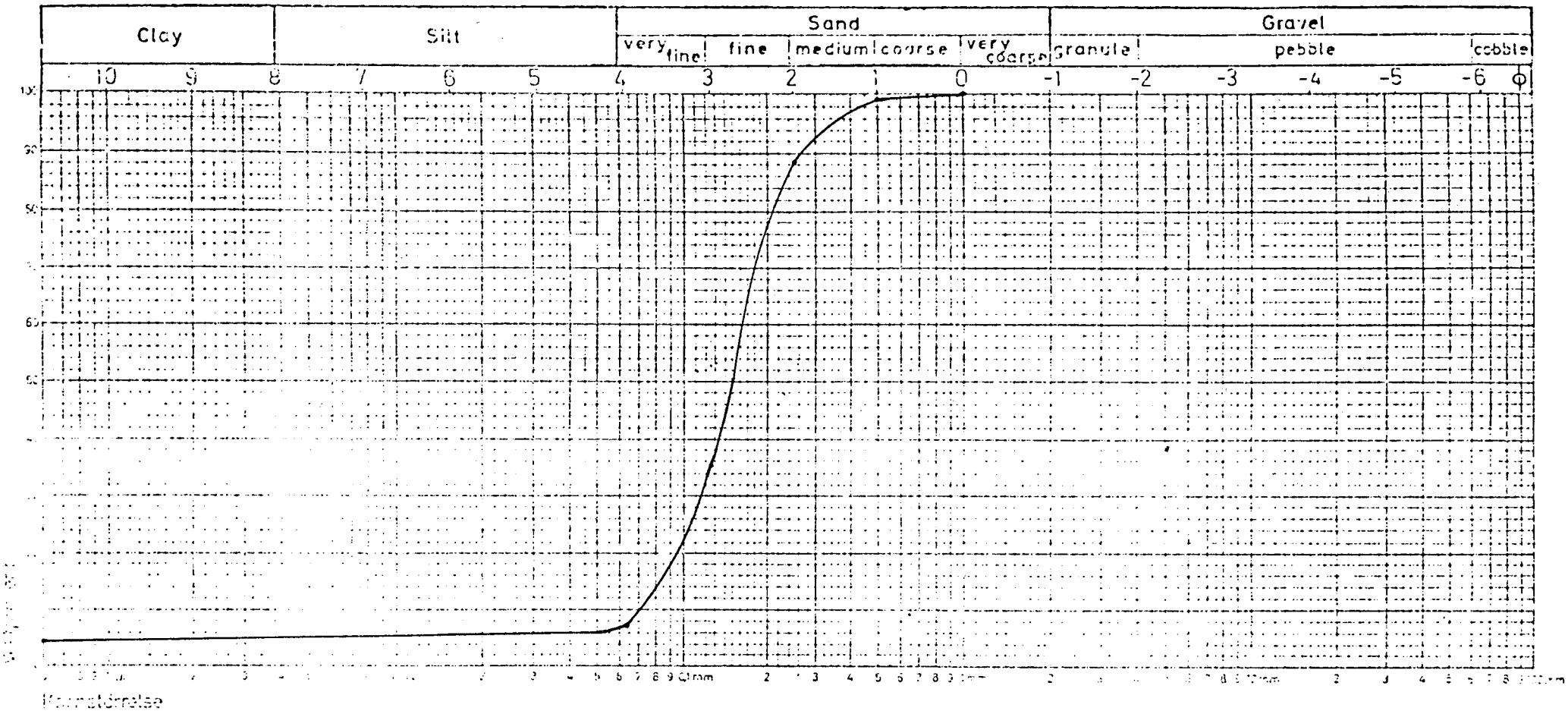
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84}-d_{16}}{4} + \frac{d_{95}-d_5}{6,6}$

4	2,7	2,0	1,4	1,2	1,1	1,0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Type	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1585.22							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1586.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE				
		GROSS	BASIN	NET (dry)	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
	1.0			1,1391	1,14	100,00
COARSE SAND						
	0,5			20,8117	20,82	98,86
MEDIUM SAND						
	0,25			56,6731	56,70	78,04
FINE SAND						
	0,125			15,8235	15,83	21,34
VERY FINE SAND						
	0,063			1,6720	1,67	5,51
CLAY + SILT	<63µ			3,8357	3,84	3,84
	RECEIVER			99,9551	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (÷ coarse silt)
(retained on 40µ sieve after wet sieving)

GROSS
FILTER
NET : 96,16 % of insoluble

CALCULATING FACTOR

$$\text{factor} = \frac{100}{\text{net insoluble}} =$$

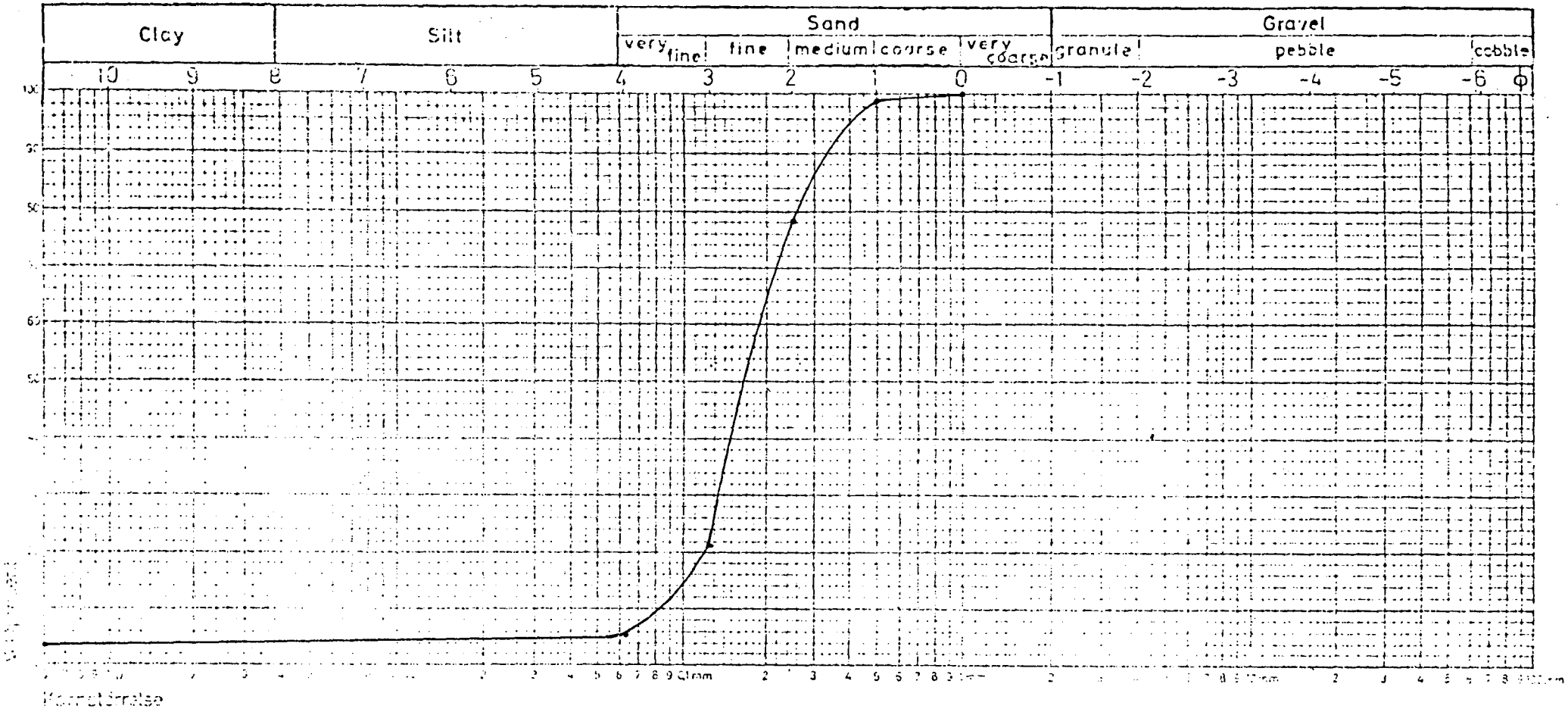
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{\phi} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1586,5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1588.0
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE				
		GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
	1,0			0,2229	0,22	100,00
COARSE SAND						
	0,5			9,0490	9,06	99,78
MEDIUM SAND						
	0,25			53,254	53,31	90,72
FINE SAND						
	0,125			31,8381	31,87	37,41
VERY FINE SAND						
	0,063			2,2884	2,29	5,54
CLAY + SILT	<0,063			3,2469	3,25	3,25
	RECEIVER			99,8997	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 96,75 % of insoluble

CALCULATING FACTOR

$$\text{cf} = \frac{100}{\text{net insoluble}} =$$

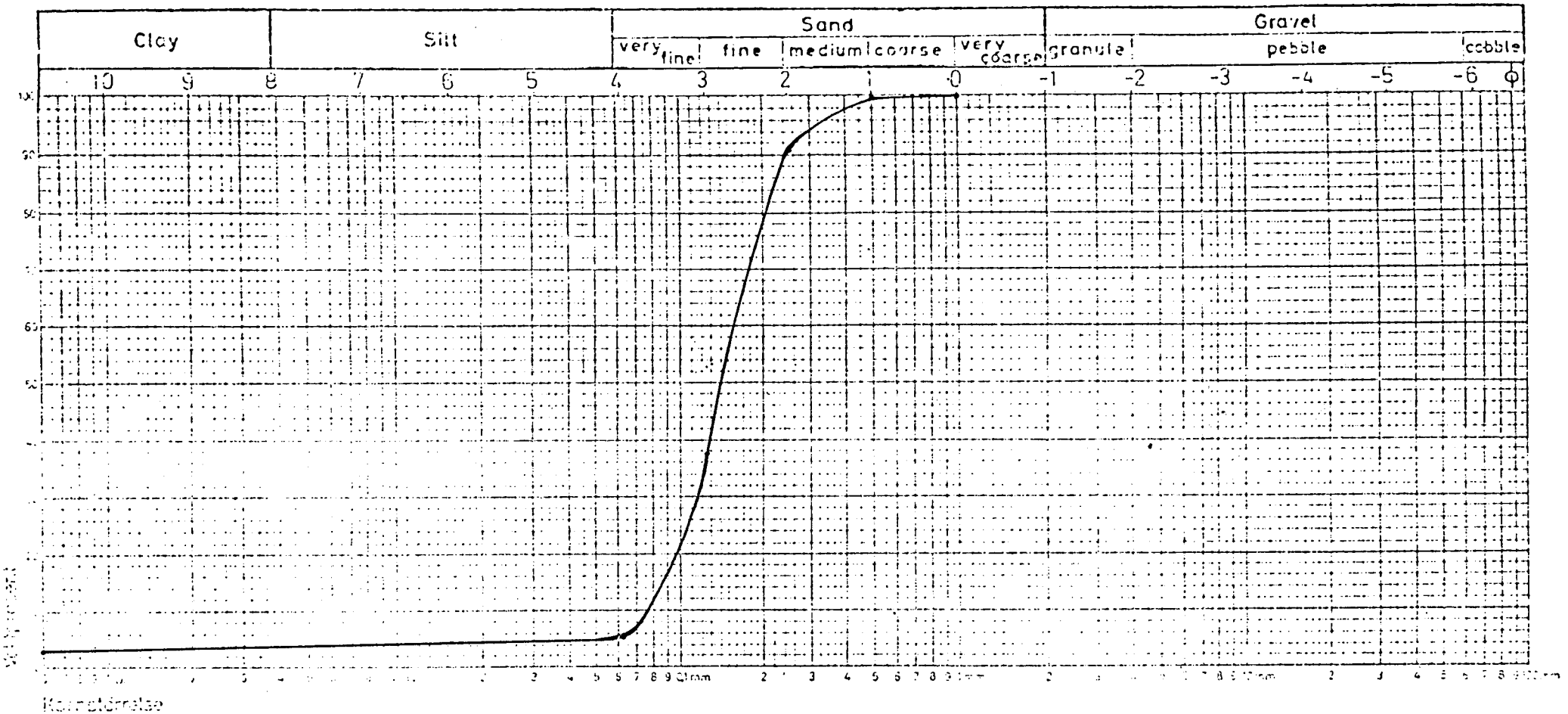
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very g.	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1588,0							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1589.5

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		1,0			0,0739	0,07	100,00
COARSE SAND							
		0,5			1,4310	1,43	99,93
MEDIUM SAND							
		0,25			19,6115	19,64	98,50
FINE SAND							
		0,125			53,4652	53,51	78,86
VERY FINE SAND							
		0,063			17,1186	17,13	25,35
CLAY + SILT		<63µ			8,2112	8,22	8,22
	RECEIVER				99,9113	100,00	0
	Fraction passed through 44µ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g = 100% sands

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 44µ sieve after wet sieving)

GROSS

FILTER

NET : 91,78 % of insoluble

CALCULATING FACTOR

$$\text{Factor} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

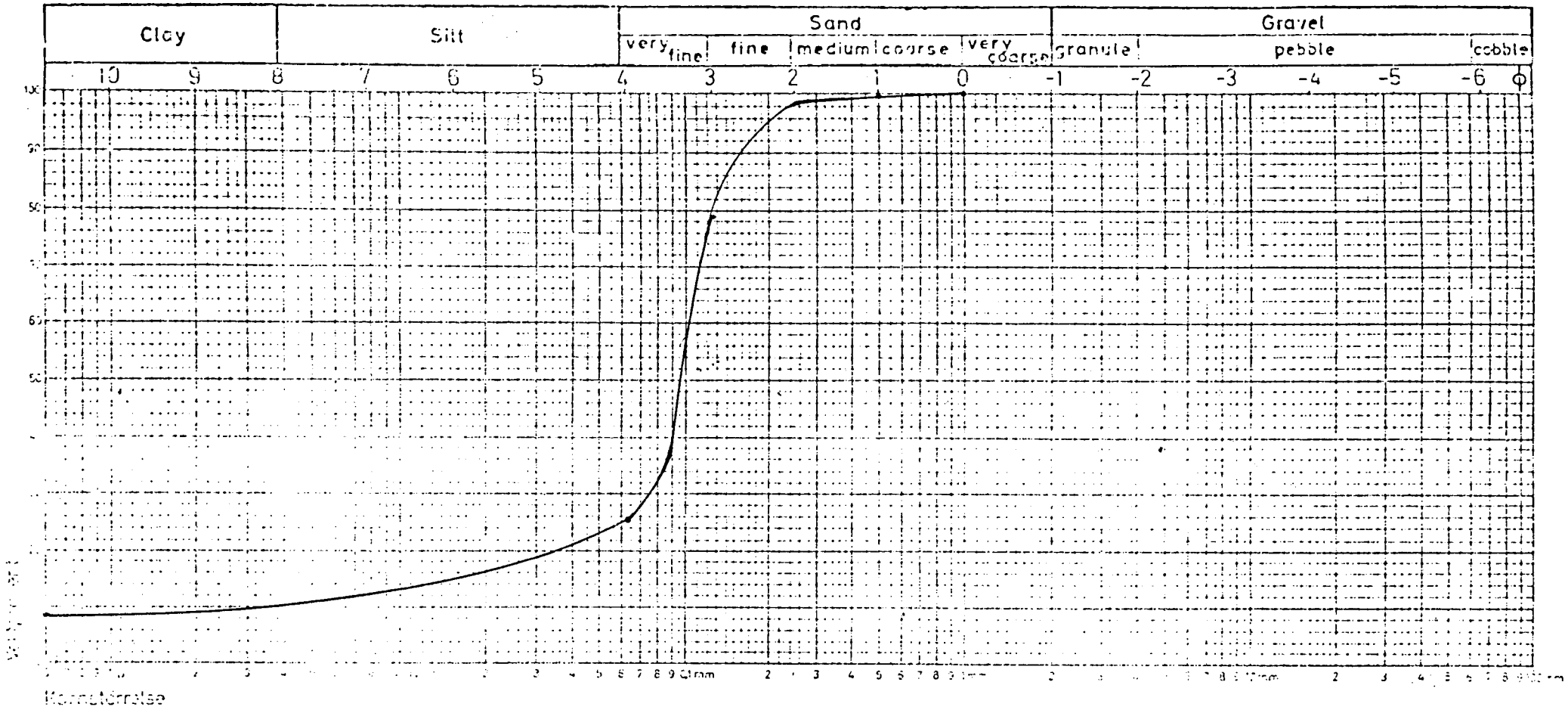
d_{95}

$$\sigma_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Brønn	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1589.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1593.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
	1,0			0,0154	0,02	100,00
COARSE SAND						
	0,5			0,0940	0,09	99,98
MEDIUM SAND						
	0,25			2,7258	2,72	98,89
FINE SAND						
	0,125			45,5314	45,56	96,17
VERY FINE SAND						
	0,063			33,8471	33,87	51,61
CLAY + SILT	<63µ			17,7288	17,74	17,74
	RECEIVER			99,9425	100,00	0
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g ≙ 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≙ 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 82,26 % of insoluble

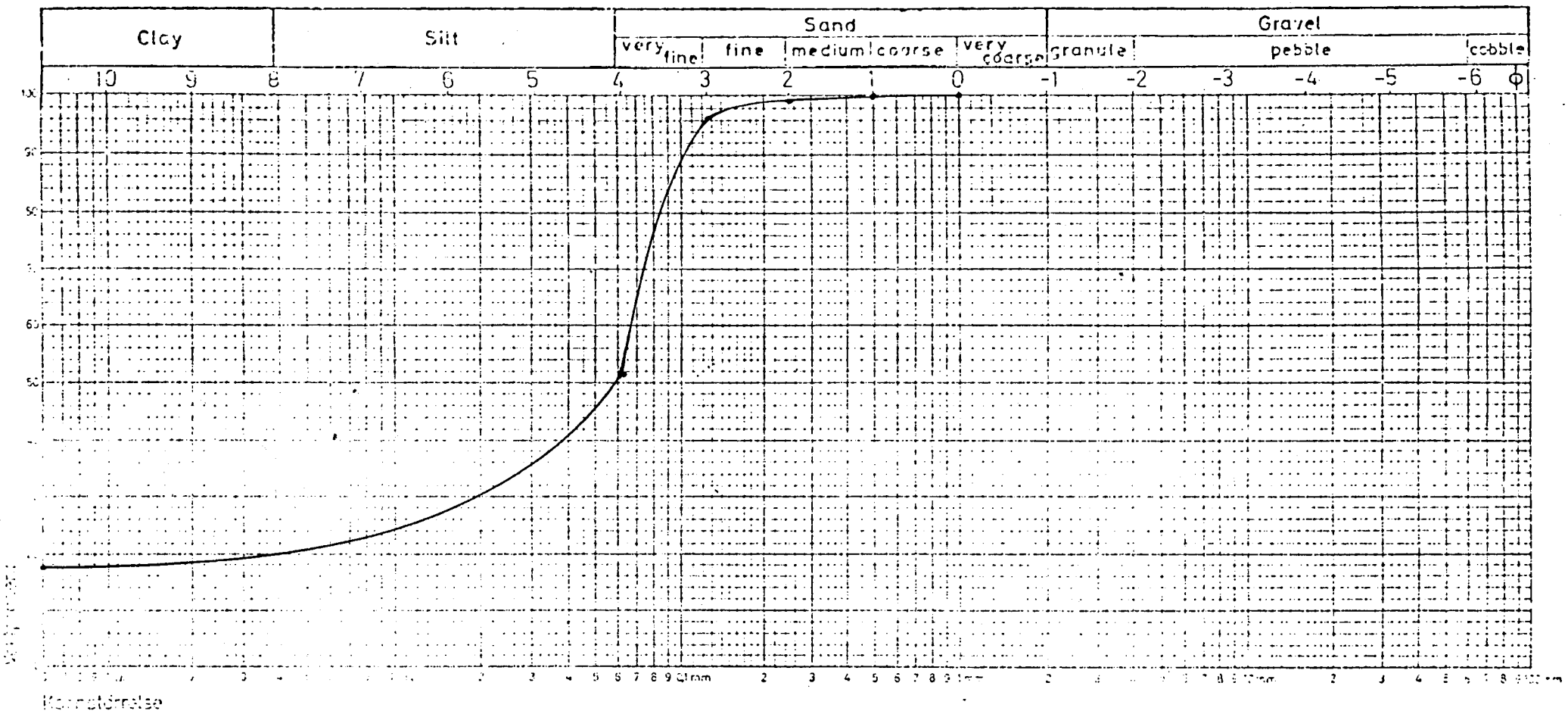
CALCULATING FACTOR
$f = \frac{100}{\text{net insoluble}} =$

SAND PARAMETERS
d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$\sigma_{f/m} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	very good

REMARKS

Kornfordelingskurver



Prøve nr	Brønn	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1593.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1547.6
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
	1.0			0,0060	0.01	99.99
COARSE SAND						
	0,5			8,9252	8,95	91.04
MEDIUM SAND						
	0.25			28,2205	28,30	62,74
FINE SAND						
	0,125			20,3731	20,43	42.31
VERY FINE SAND						
	0,063			17,6023	17,65	24.66
CLAY + SILT	< 63µ			24,5864	24,66	
	RECEIVER			99,7135	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (> coarse silt)
(retained on 44µ sieve after wet sieving)

GROSS
FILTER
NET : 75,37 % of insoluble

CALCULATING FACTOR

$$f = \frac{100}{\text{net insoluble}} =$$

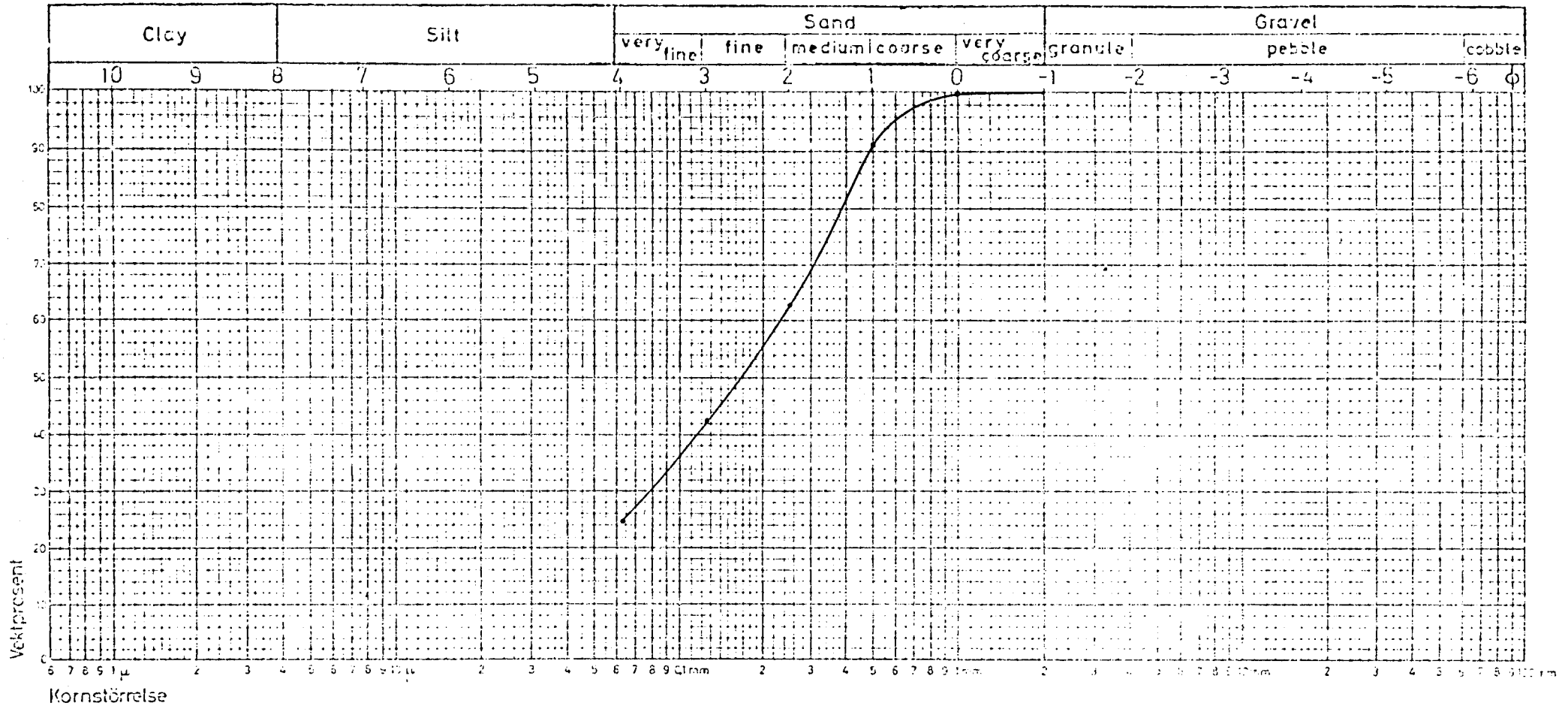
SAND PARAMETERS

d_5
d_{16}
d_{50} = med an diam.
d_{84}
d_{95}
$s_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	perfect

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31 / 2 – 2	1547.6							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1554.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV %	CUM %
		mm			grams		
VERY COARSE SAND		4.0			0,5481	0.55	99.45
		2.0			0		
		1.0			2,9195	2.92	96.53
COARSE SAND							
		0.5			12,6409	12,64	83.89
MEDIUM SAND							
		0.25			38,3523	38,37	45.52
FINE SAND							
		0,125			19,8169	19.82	25.70
VERY FINE SAND							
		0,063			7,2792	7,28	18.42
CLAY + SILT		<63µ			18,4102	18,42	
	RECEIVER				99,9707	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET

81,58 % of insoluble

CALCULATING FACTOR

$$\text{CF} = \frac{100}{\text{net insoluble}} =$$

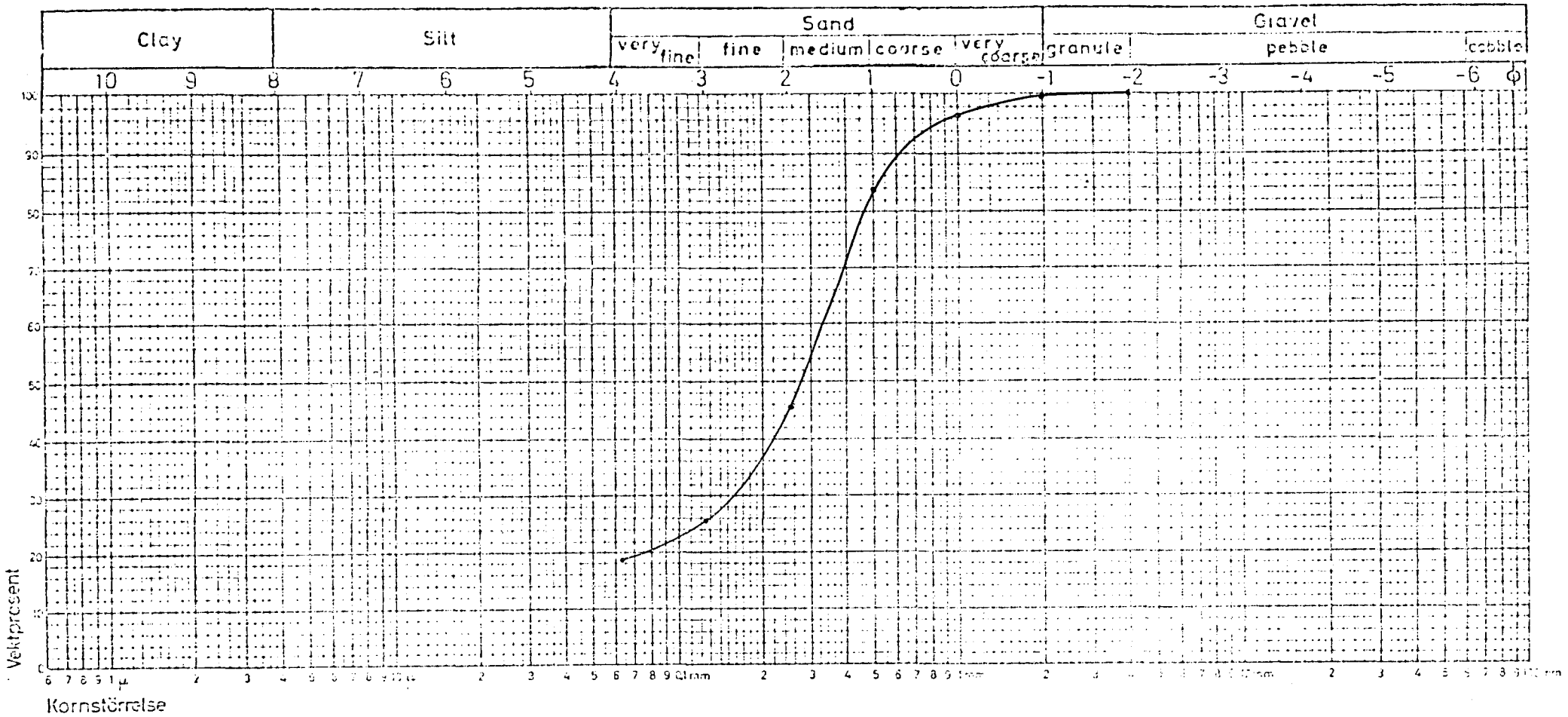
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{\phi\phi_{50}} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	3.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1554.5							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1556.5

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND		4.0			1.0763	1.08	98.92
		2.0			2.2349	2.24	96.68
		1.0			3.8617	3.87	92.81
COARSE SAND							
		0.5			11.2898	11.31	81.50
MEDIUM SAND							
		0.25			23.2914	23.28	58.22
FINE SAND							
		0.125			20.9638	20.99	37.23
VERY FINE SAND							
		0.063			10.3289	10.34	26.89
CLAY + SILT		<63µ			26.8550	26.89	
	RECEIVER				79.8598	100.00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100.00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 63µ sieve after wet sieving)

GROSS

FILTER

NET 73.11 % of insoluble

CALCULATING FACTOR

$f = \frac{100}{\text{net insoluble}} =$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

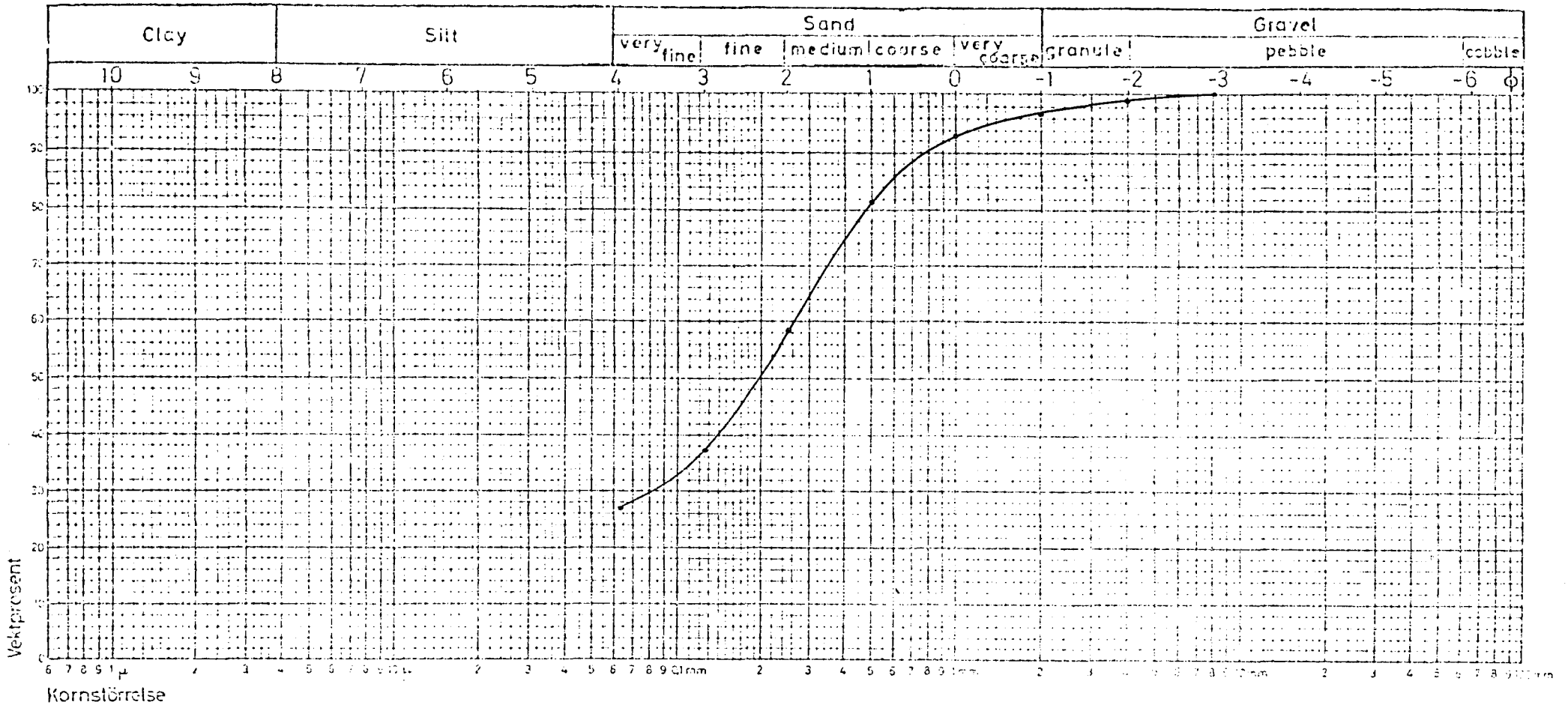
d_{95}

$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2-2	1556.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE · Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1558.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV %	CUM %
		mm			grams		
VERY COARSE SAND		4.0			0,4656	0,47	99,53
		2.0			4,9074	4,91	94,62
		1.0			9,9629	9,97	84,65
COARSE SAND							
		0.5			18,6613	18,67	65,98
MEDIUM SAND							
		0.25			22,3176	22,33	43,65
FINE SAND							
		0,125			15,1417	15,15	28,50
VERY FINE SAND							
		0,063			7,8204	7,83	20,67
CLAY + SILT		<63μ			20,6613	20,67	
	RECEIVER				99,9412	100,00	
	Fraction passed through 63μ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (÷ coarse silt)
(retained on 63μ sieve after wet sieving)

GROSS
FILTER
NET 77,33 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

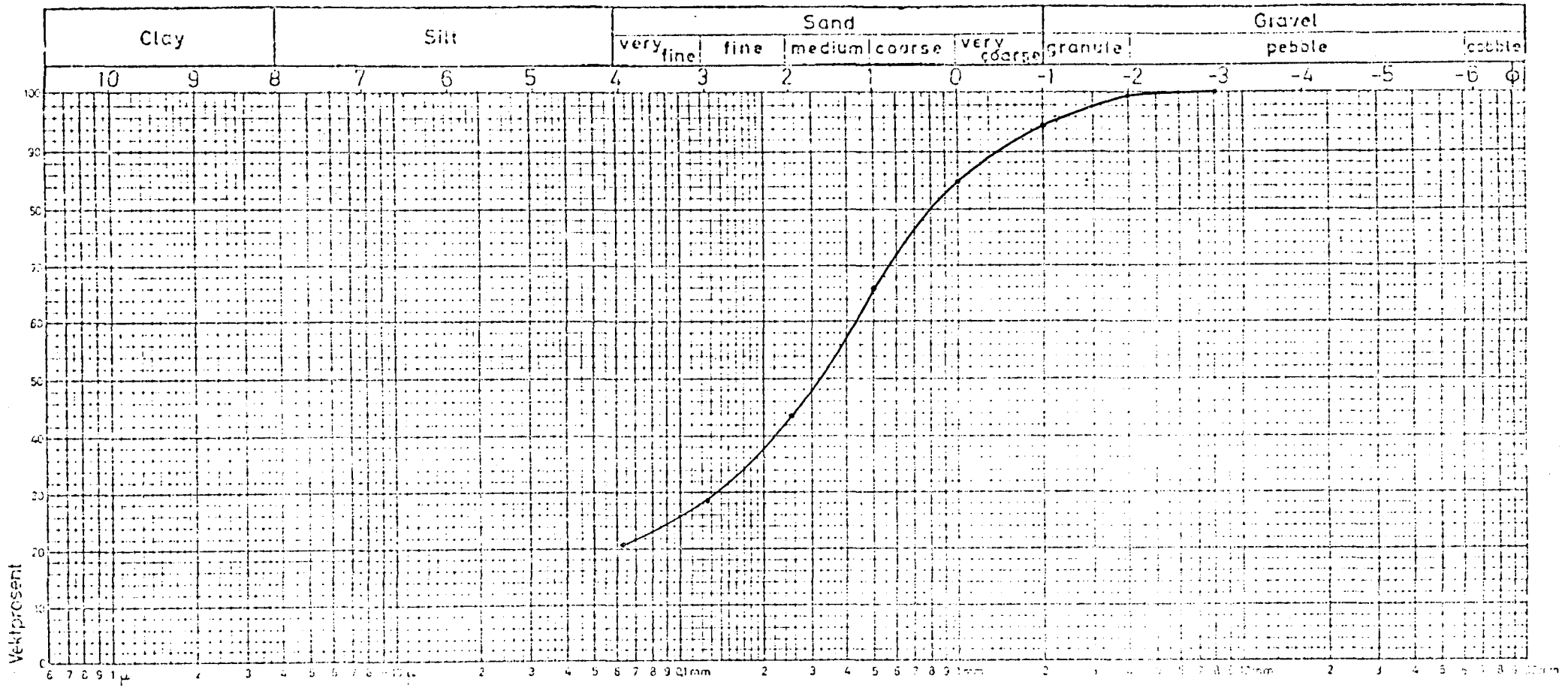
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{\phi} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	3.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31/2 - 2	1558.5							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1562.0

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE				
			GROSS	BASIN	NET WT	INDIV %	CUM %
		mm			grams		
VERY COARSE SAND							
		4.0			1,8057	1,81	98,19
		2.0			6,8255	6,83	91,36
		1.0			17,8307	17,83	73,53
COARSE SAND							
		0.5			32,5710	32,58	40,95
MEDIUM SAND							
		0.25			11,1503	11,15	29,80
FINE SAND							
		0,125			5,7986	5,80	24,00
VERY FINE SAND							
		0,063			7,7107	7,71	16,29
CLAY + SILT		<63μ			16,2832	16,29	
	RECEIVER				99,9757	100,00	
	Fraction passed through 63μ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g ≙ 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 40μ sieve after wet sieving)

GROSS

FILTER

NET : 83,71 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

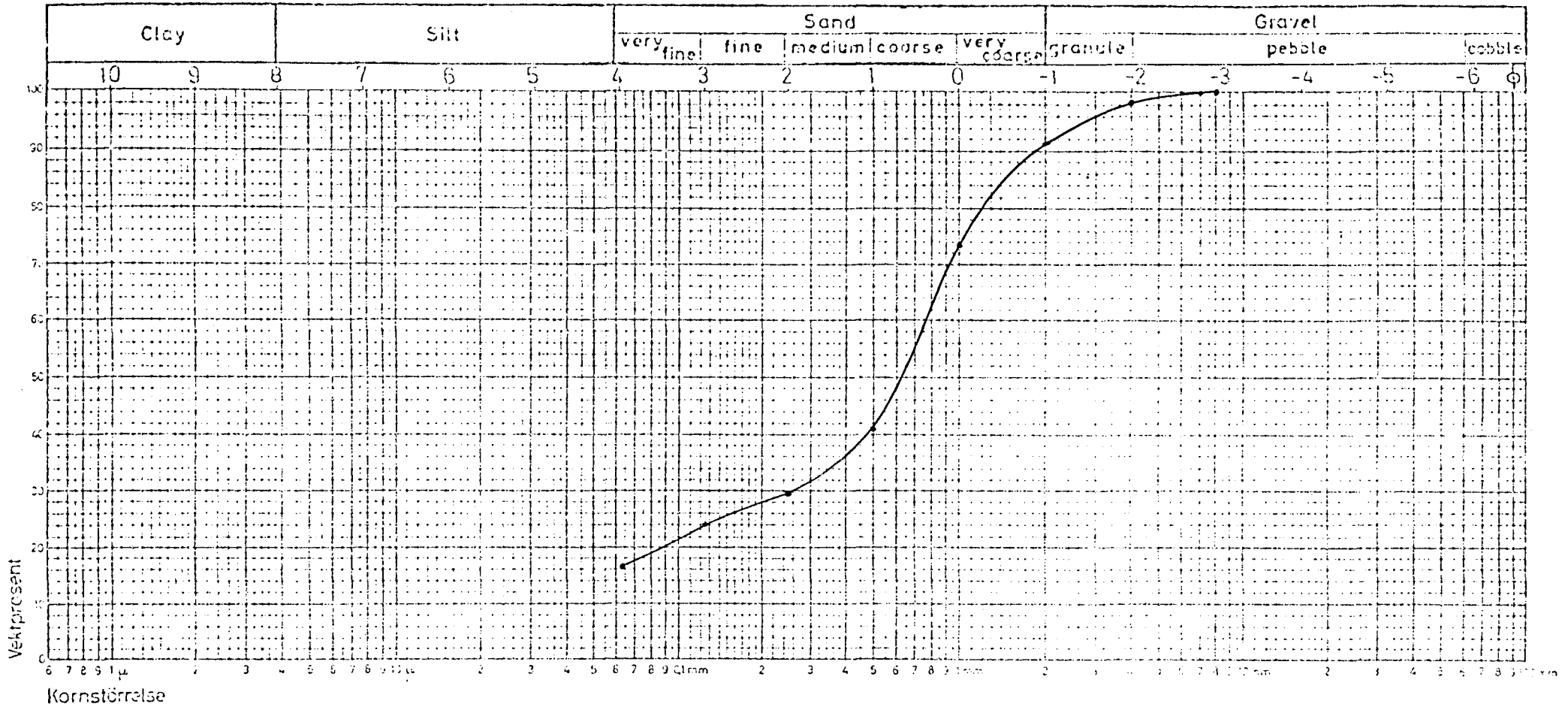
d_{95}

$$\sigma_{\phi\,Trask} = \frac{d_{84} - d_{16}}{4} \text{ or } \frac{d_{95}-d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1562.0							

LOCATION

SAMPLE No.

TYPE OF SAMPLE . Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1566.0

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
COARSE SAND							
		0.5			0.2321	0.23	99.77
MEDIUM SAND							
		0.25			2.3046	2.31	97.46
FINE SAND							
		0.125			52.3201	52.35	45.11
VERY FINE SAND							
		0.063			30.4375	30.46	14.65
CLAY + SILT		<63µ			14.6465	14.65	
	RECEIVER				99.9458	100.00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100.00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 63µ sieve after wet sieving)

GROSS

FILTER

NET : 85.35 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

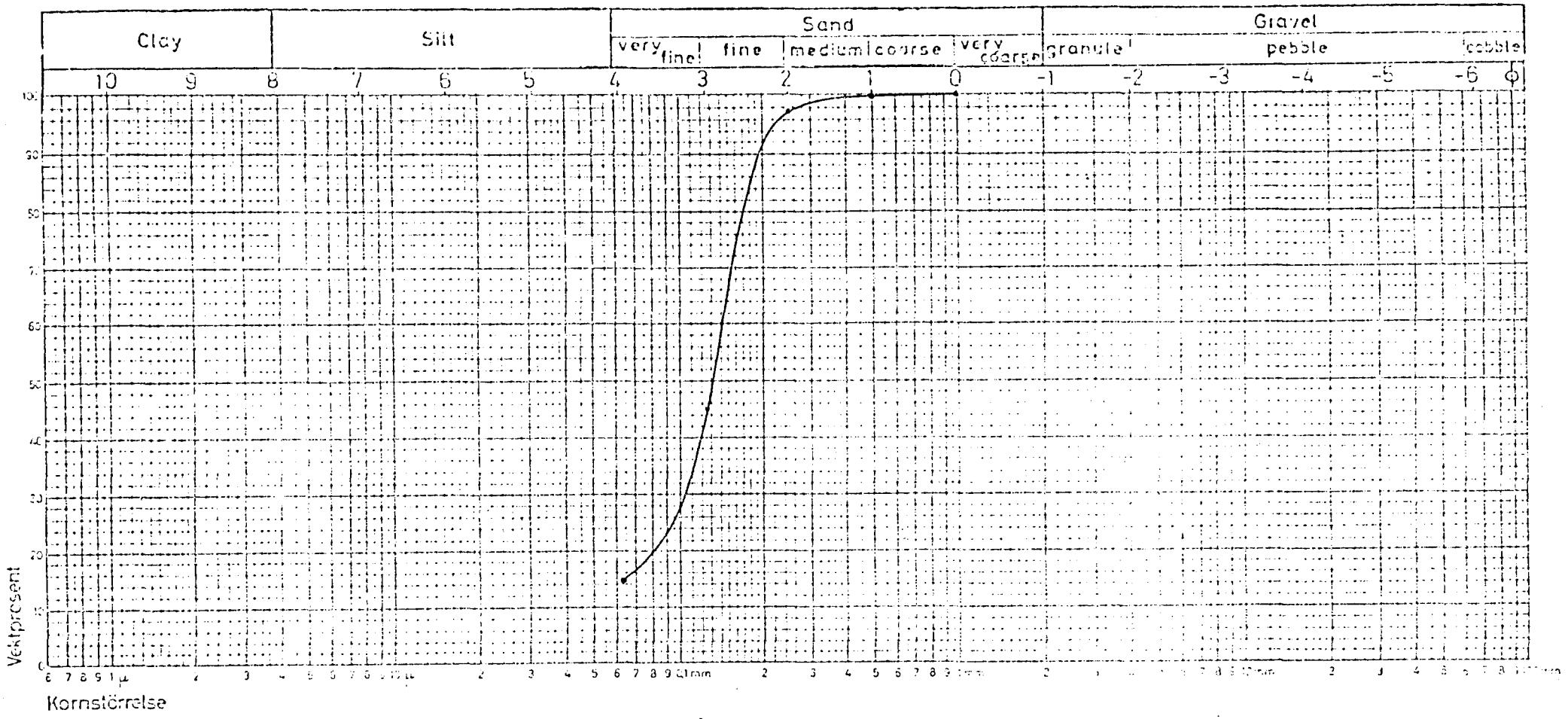
d_{95}

$$S_{\phi\,gw} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1566.0							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1571.5

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
COARSE SAND							
		0,5			0,2057	0,20	99,80
MEDIUM SAND							
		0,25			2,4247	2,43	97,37
FINE SAND							
		0,125			47,4973	47,53	49,84
VERY FINE SAND							
		0,063			35,9713	36,00	13,84
CLAY + SILT		<63µ			13,8311	13,84	
	RECEIVER				99,9301	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100-%sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 63µ sieve after wet sieving)

GROSS

FILTER

NET 86,16 % of insoluble

CALCULATING FACTOR

$$\text{F} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

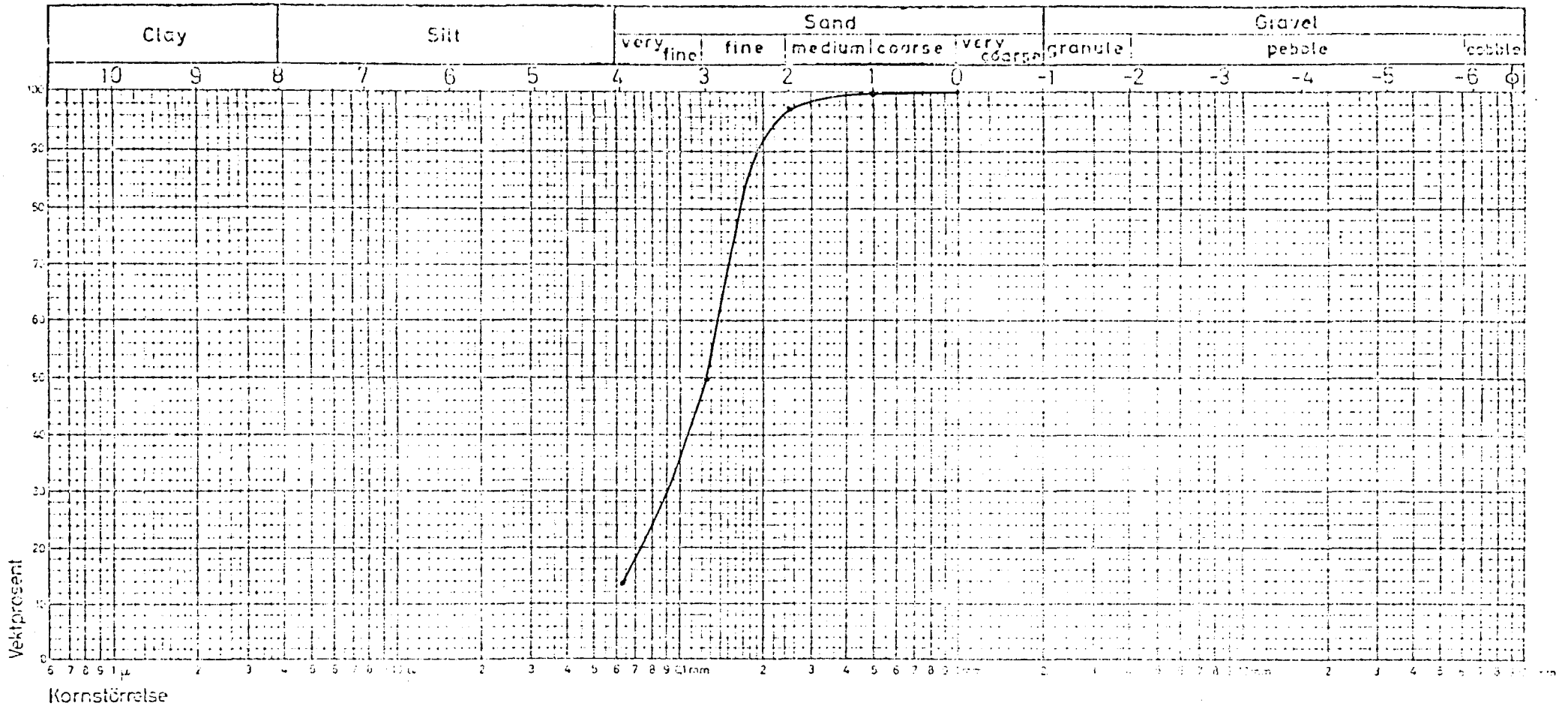
d_{95}

$$S_{\phi/\sigma} = \frac{d_{84} - d_{16}}{4}, \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31 / 2-2	1571.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE · Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1574.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE				
		GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
COARSE SAND						
	0,5			0,2506	0,26	99,74
MEDIUM SAND						
	0,25			1,1043	1,16	98,58
FINE SAND						
	0,125			27,5961	29,05	69,53
VERY FINE SAND						
	0,063			47,7555	50,28	19,25
CLAY + SILT	<63µ			18,2793	19,25	
	RECEIVER			94,9858	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 95,00 g ≡ 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≡ 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 80,75 % of insoluble

CALCULATING FACTOR

$$\cdot f = \frac{100}{\text{net insoluble}} =$$

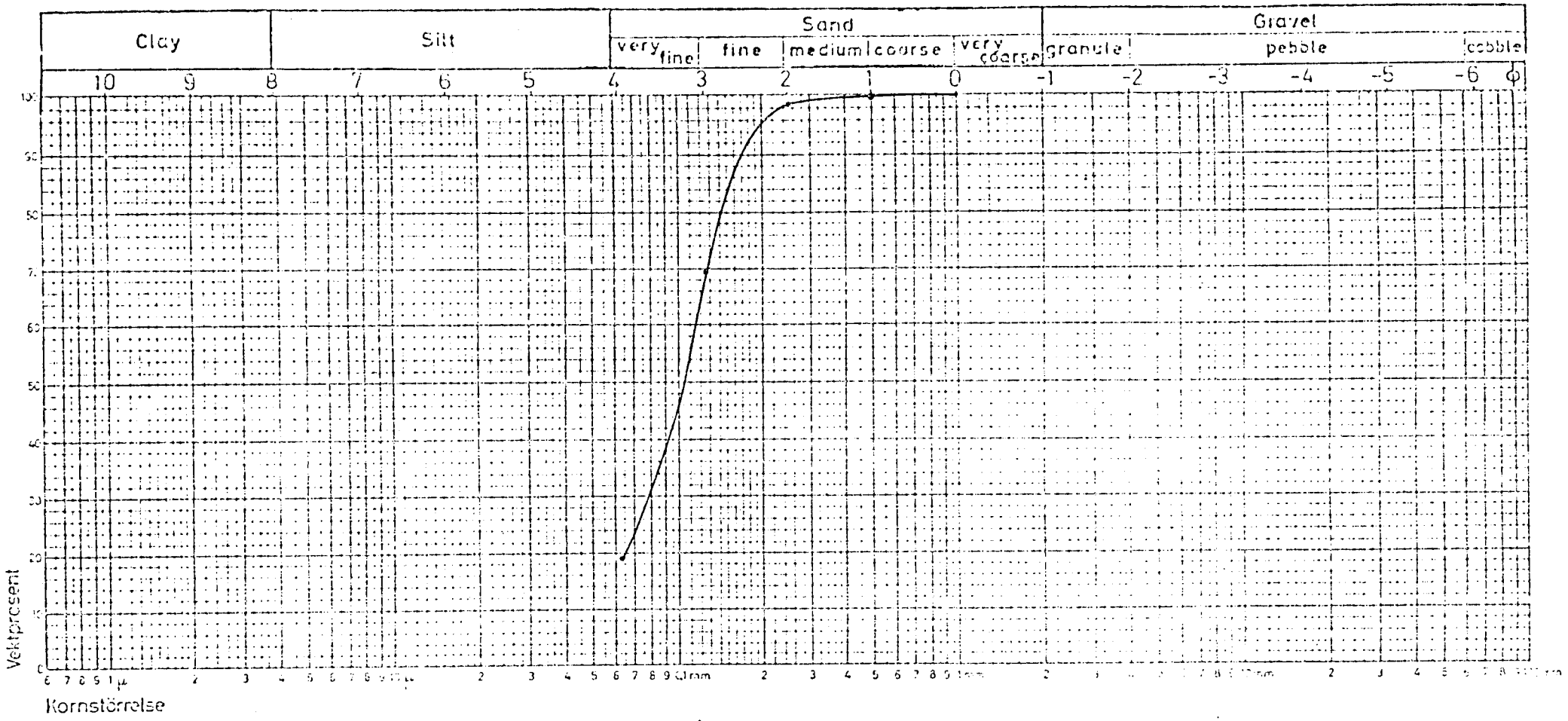
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1574.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1577.0
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		2.0			0,4863	0,48	99.52
		1.0			3,6169	3,62	95,90
COARSE SAND							
		0,5			16,7802	16,78	79.12
MEDIUM SAND							
		0,25			32,8705	32,87	46.25
FINE SAND							
		0,125			16,7763	16,78	29.47
VERY FINE SAND							
		0,063			8,6890	8,69	20,78
CLAY + SILT		<63µ			20,7785	20,78	
	RECEIVER				99,9977	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g ≙ 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 63µ sieve after wet sieving)

GROSS
FILTER
NET : 79,22 % of insoluble

CALCULATING FACTOR

$\Phi = \frac{100}{\text{net insoluble}} =$

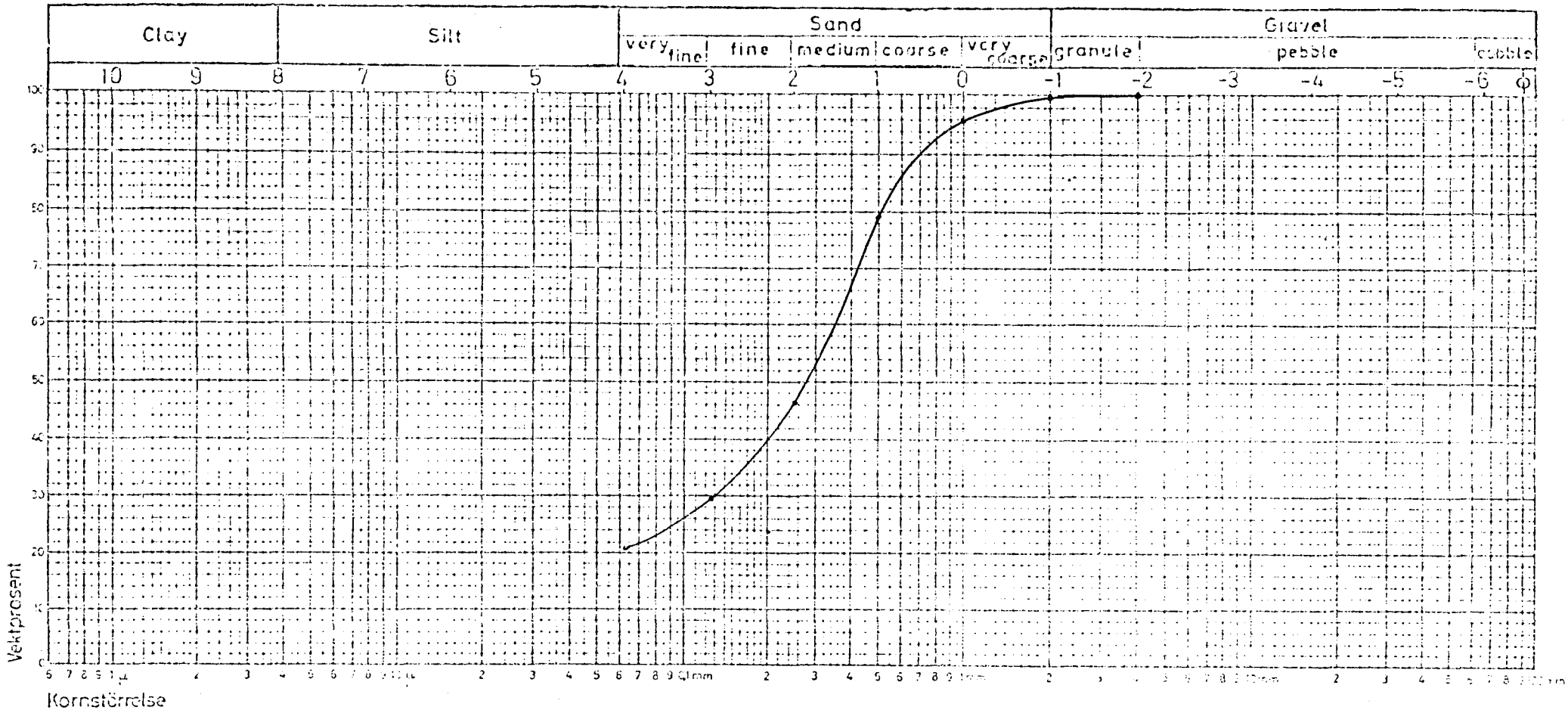
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{\Phi/\omega} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1577.0							

LOCATION
SAMPLE No.
TYPE OF SAMPLE · Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1579.75
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	TARE	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		2.0			0,3026	0,30	99,70
		1.0			2,2952	2,30	97,40
COARSE SAND							
		0,5			6,0922	6,09	91,31
MEDIUM SAND							
		0,25			46,3633	46,38	44,93
FINE SAND							
		0,125			30,4831	30,50	14,43
VERY FINE SAND							
		0,063			7,6661	7,67	6,76
CLAY + SILT		<63µ			6,7617	6,76	
	RECEIVER				99,9612	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
TARE
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 44µ sieve after wet sieving)

GROSS
FILTER
NET

93,24 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

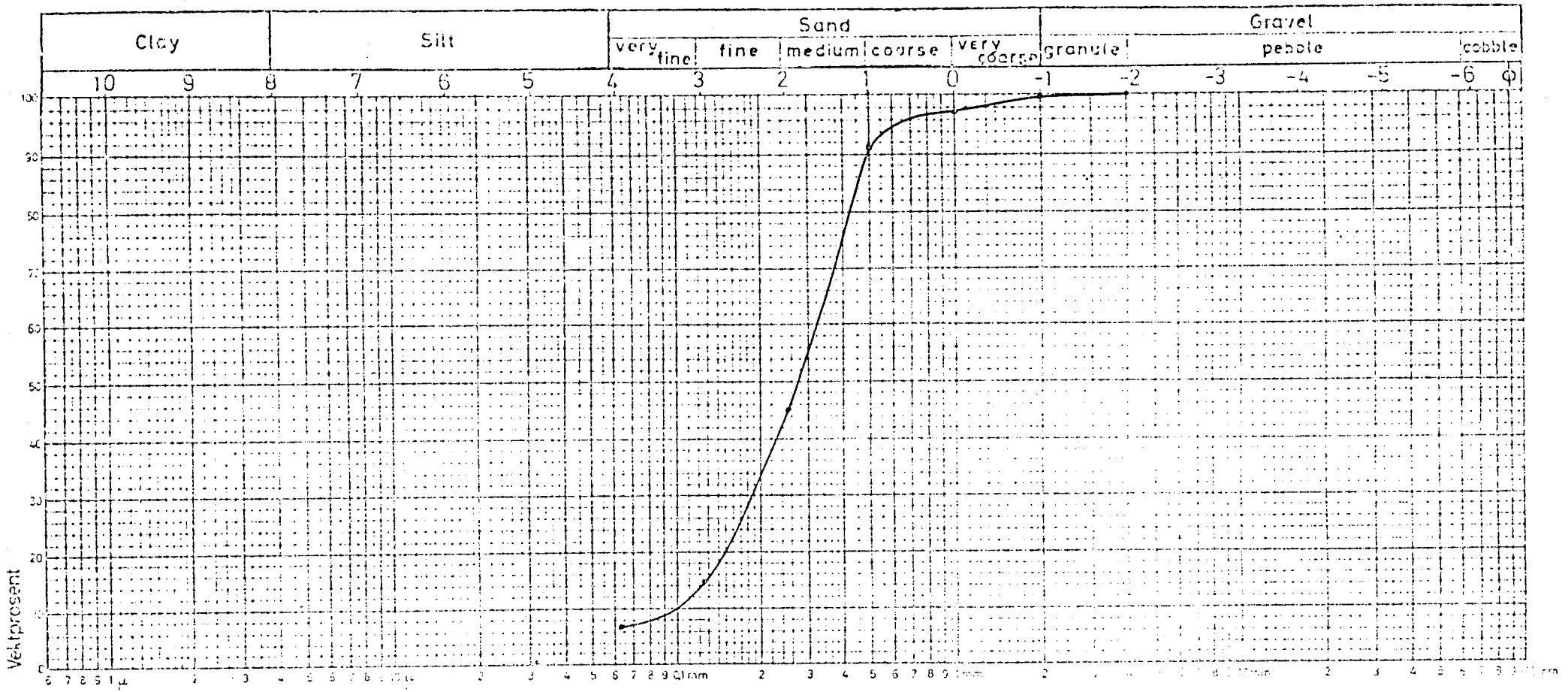
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$\sigma_{\phi} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS Innerholder knut

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	Sk	Merknader
	31 / 2 - 2	1579.75						

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1580.96
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING	FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
	mm			grams		
VERY COARSE SAND						
	1,0			0,3202	0,32	99.68
COARSE SAND						
	0,5			7,2137	7,22	92,46
MEDIUM SAND						
	0,25			54,678	54,70	37,76
FINE SAND						
	0,125			26,3692	26,38	11,38
VERY FINE SAND						
	0,063			2,6000	2,60	8,78
CLAY + SILT	<63µ			8,7771	8,78	
	RECEIVER			99,9586	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100-%sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g = 100% sample

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : = 100% insoluble

SOLUBLES
Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(retained on 4µ sieve after wet sieving)

GROSS
FILTER
NET 91,22 % of insoluble

CALCULATING FACTOR

$f = \frac{100}{\text{net insoluble}} =$

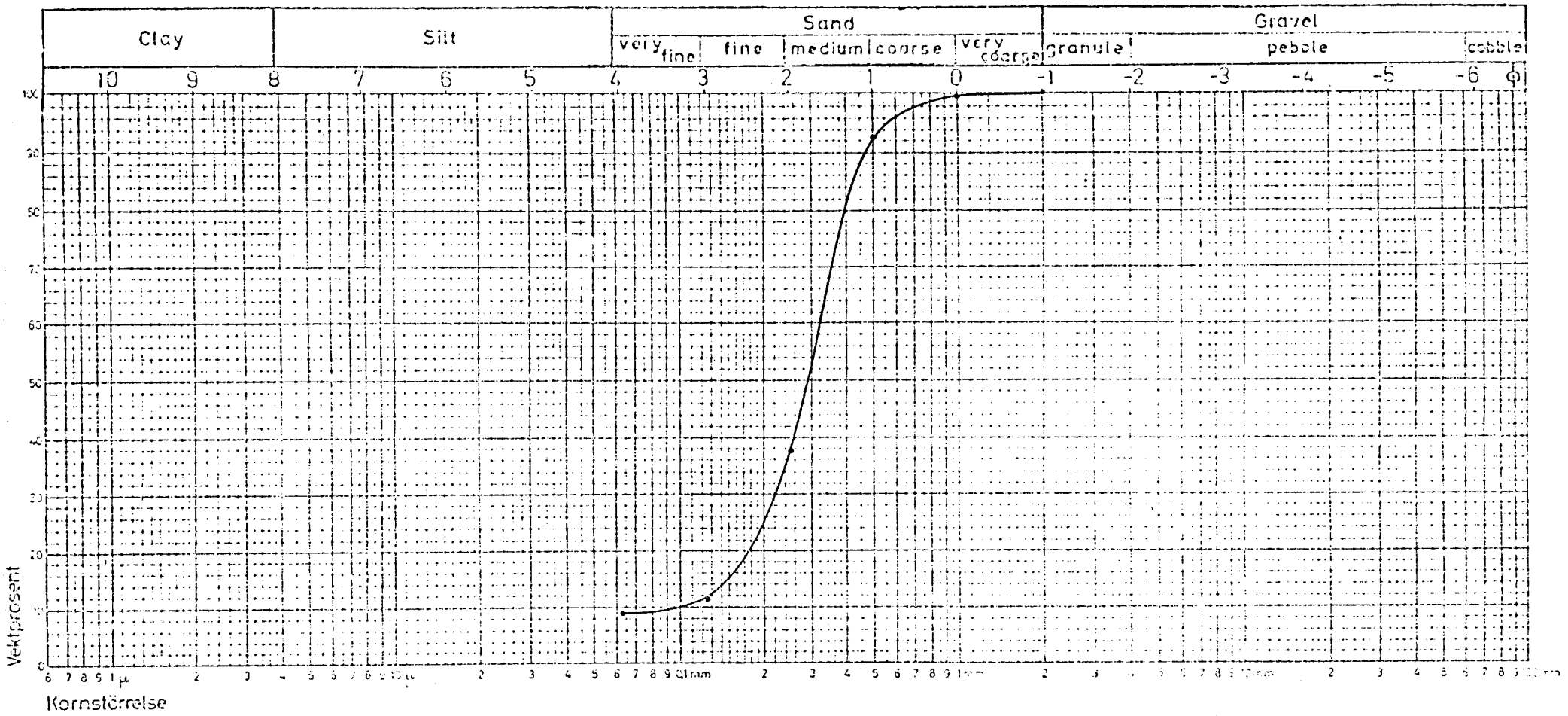
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$S_{folk} = \frac{d_{84}-d_{16}}{4} + \frac{d_{95}-d_5}{6.6}$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1580.96							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1585,22

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		1.0			0,9144	0,91	99.09
COARSE SAND							
		0,5			10,9392	10,94	88.15
MEDIUM SAND							
		0,25			52,9141	52,91	35.24
FINE SAND							
		0,125			28,0973	28,10	7.14
VERY FINE SAND							
		0,063			2,8053	2,81	4.33
CLAY + SILT		<63µ			4,3284	4,33	
	RECEIVER				99,9987	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100-%sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100.00 g ≙ 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 44µ sieve after wet sieving)

GROSS

FILTER

NET : 95,67 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

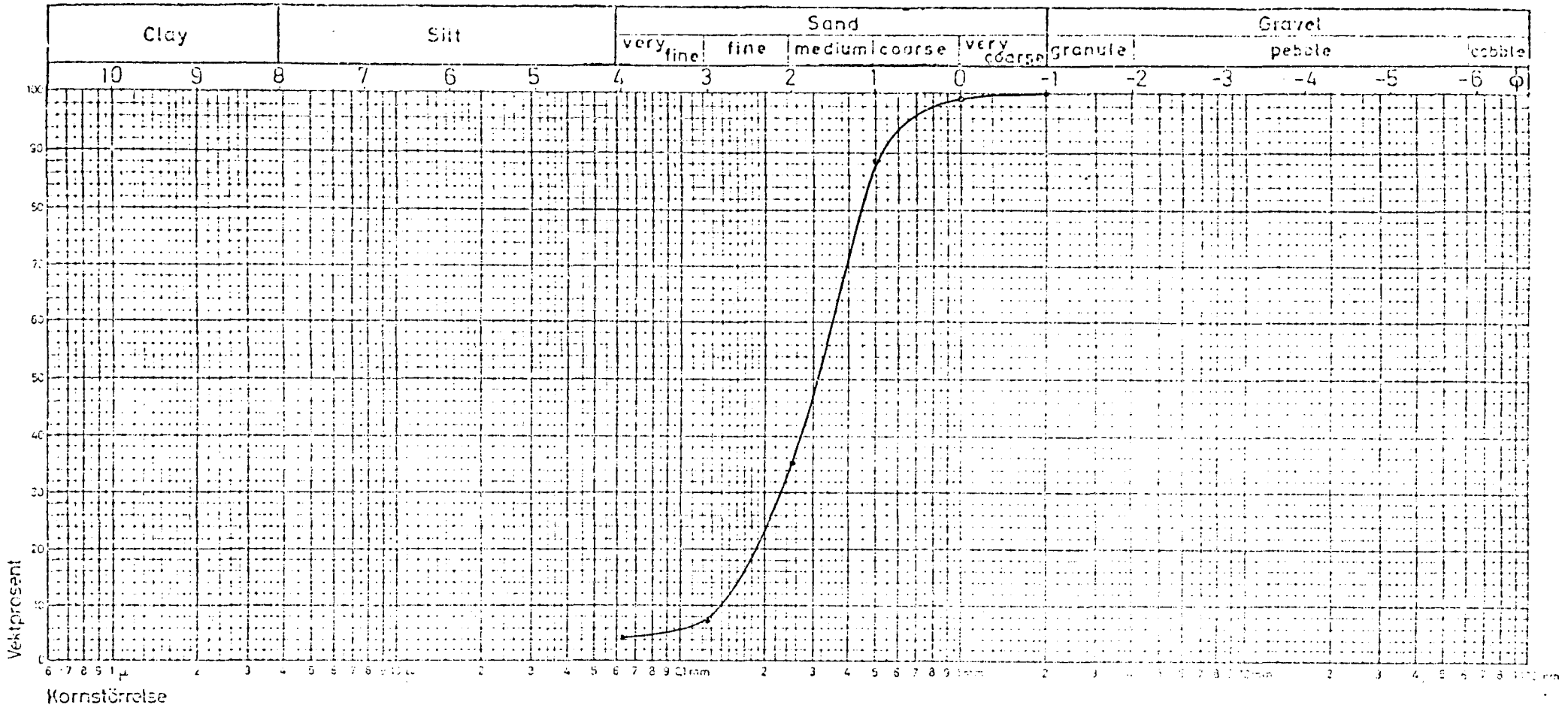
d_{95}

$$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1585.22							

LOCATION

SAMPLE No.

TYPE OF SAMPLE . Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1586.5

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET (E.T	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		1.0			1,1391	1,14	98.86
COARSE SAND							
		0,5			20,8117	20,82	78.04
MEDIUM SAND							
		0,25			56,6731	56,70	21,34
FINE SAND							
		0,125			15,8235	15,83	5,51
VERY FINE SAND							
		0,063			1,6720	1,67	3,84
CLAY + SILT		<63µ			3,8357	3,84	
	RECEIVER				99,9551	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100-%sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g ≙ 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : ≙ 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (= coarse silt)

(retained on 63µ sieve after wet sieving)

GROSS

FILTER

NET : 96,16 % of insoluble

CALCULATING FACTOR

$$\text{factor} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

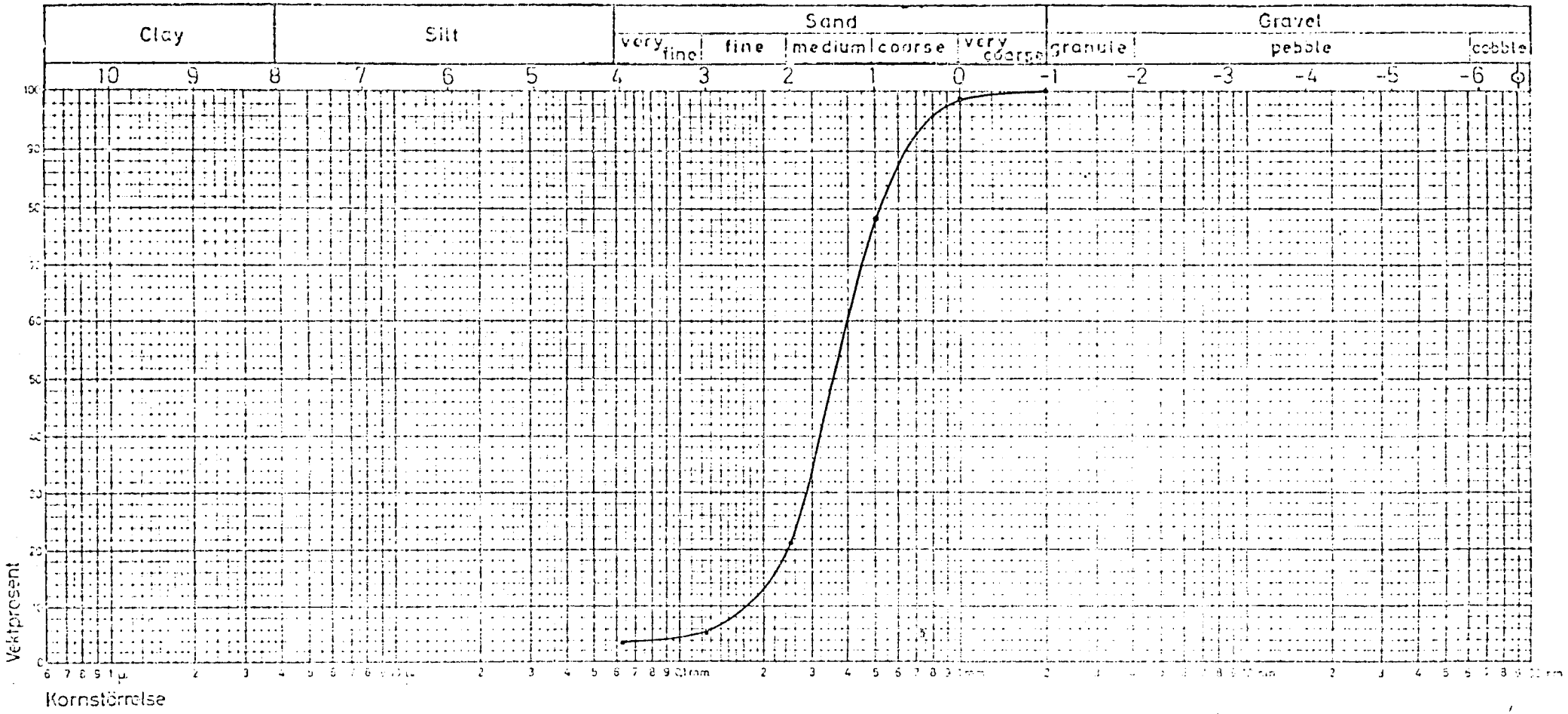
d_{95}

$$S_{folk} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1586.5							

LOCATION

SAMPLE No.

TYPE OF SAMPLE · Sand

SIEVE ANALYSIS

WELL 31 / 2 - 2

DEPTH 1588.0

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE				
			GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		1.0			0,2229	0,22	99,78
COARSE SAND							
		0.5			9,0490	9,06	90,72
MEDIUM SAND							
		0,25			53,2541	53,31	37,41
FINE SAND							
		0,125			31,8381	31,87	5,54
VERY FINE SAND							
		0,063			2,2884	2,29	3,25
CLAY + SILT		<0,063			3,2469	3,25	
	RECEIVER				99,8997	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 63µ sieve after wet sieving)

GROSS

FILTER

NET : 96,75 % of insoluble

CALCULATING FACTOR

$$\text{f} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

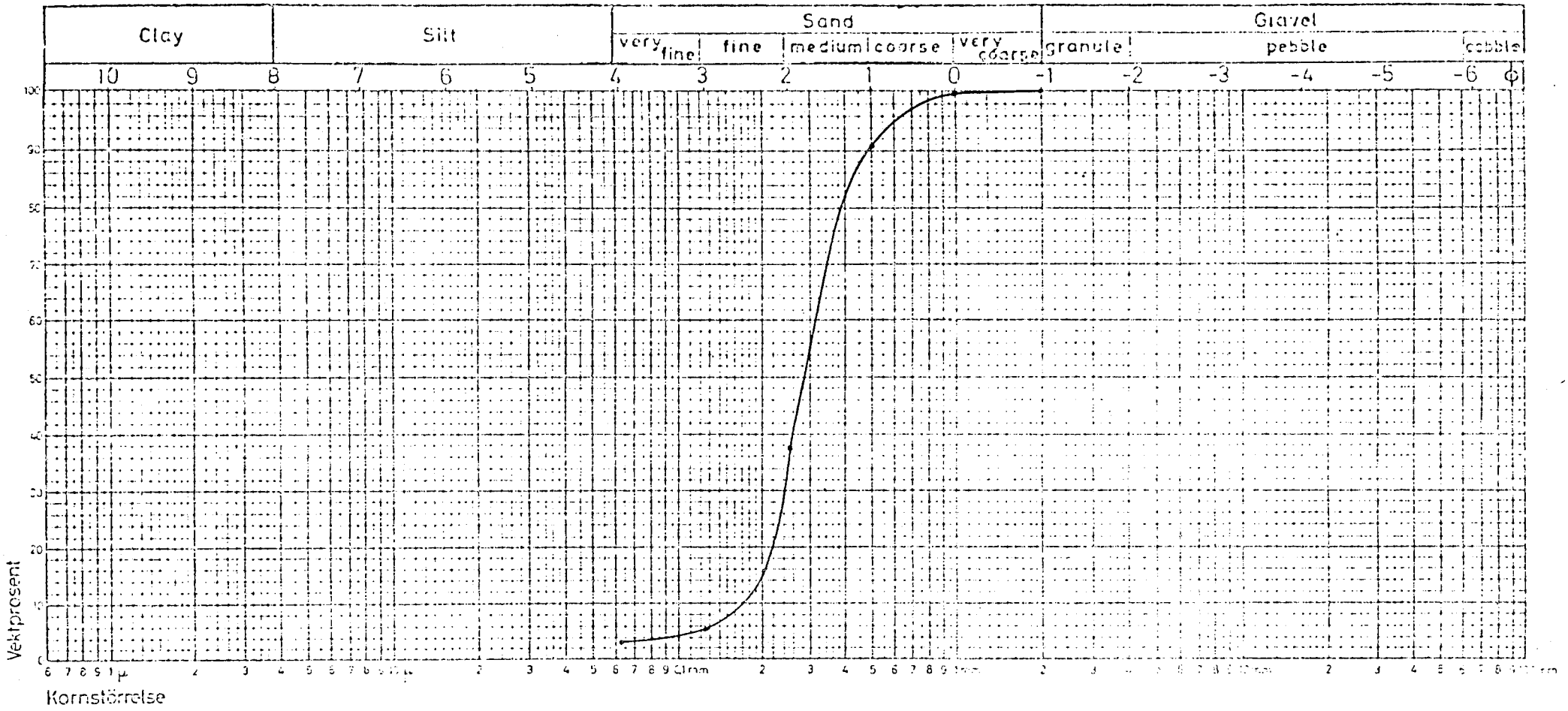
d_{95}

$$S_{f/w} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	very good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0,002 mm	Md	M	So	Sk	Merknader
	31 / 2 - 2	1588.0							

LOCATION

SAMPLE No.

TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2

DEPTH 1589.5

DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING		FRACTIONS RETAINED ON SIEVE				
			GROSS	BASIN	NET WT	INDIV%	CUM%
		mm			grams		
VERY COARSE SAND							
		1,0			0,0739	0,07	99,93
COARSE SAND							
		0,5			1,4310	1,43	98,50
MEDIUM SAND							
		0,25			19,6115	19,64	78,86
FINE SAND							
		0,125			53,4652	53,51	25,35
VERY FINE SAND							
		0,063			17,1186	17,13	8,22
CLAY + SILT		<63µ			8,2112	8,22	
	RECEIVER				99,9113	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - % sand fraction)						
CONTROL TOTAL							

ORIGINAL TOTAL WEIGHT

(dried sample)

GROSS

BASIN

NET 100,00 g = 100% sample

INSOLUBLES

(sample after chemical treatment)

GROSS :

FILTER

NET : = 100% insoluble

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)

(retained on 44µ sieve after wet sieving)

GROSS

FILTER

NET : 91,78 % of insoluble

CALCULATING FACTOR

$$\text{Cf} = \frac{100}{\text{net insoluble}} =$$

SAND PARAMETERS

d_5

d_{16}

d_{50} = median diam.

d_{84}

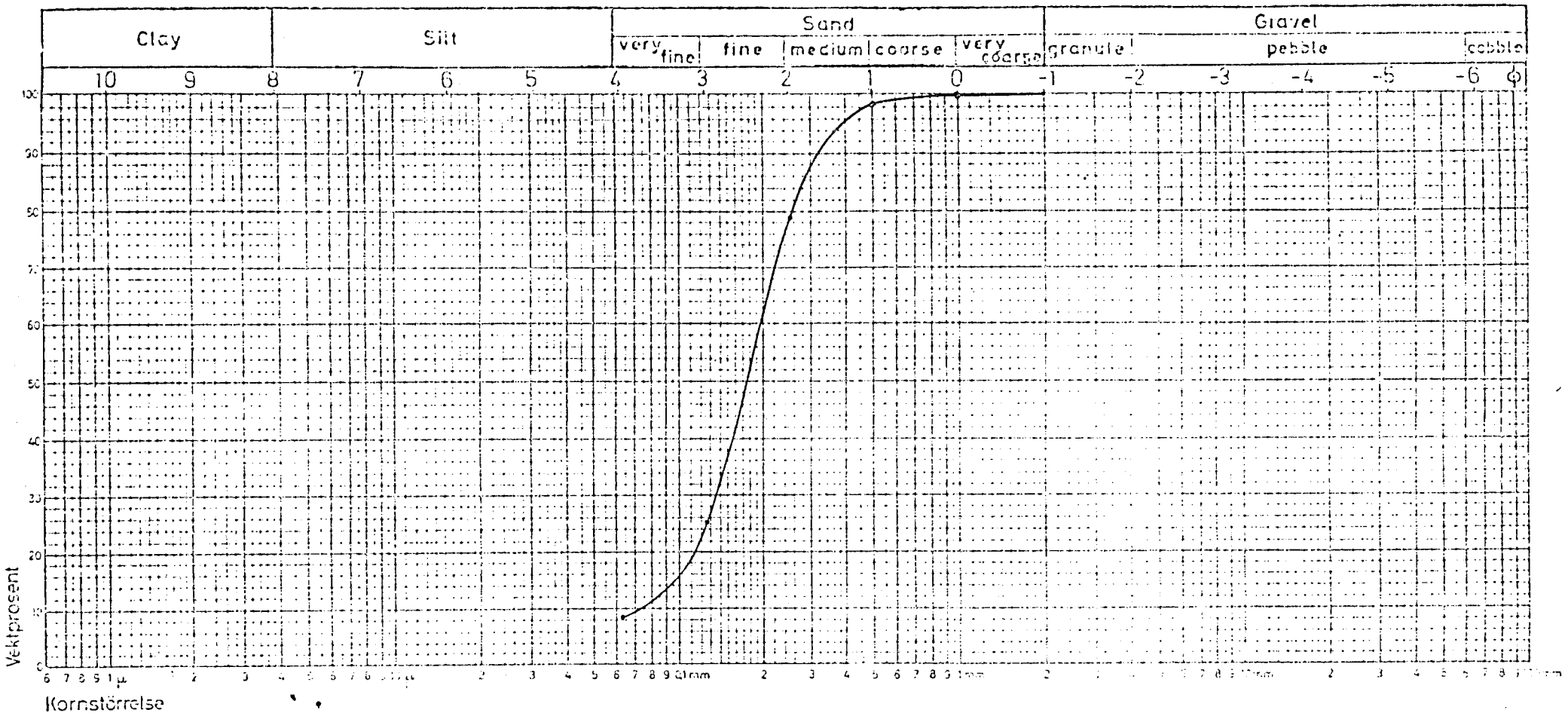
d_{95}

$$S_{\phi/\omega} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$$

4	2.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1589.5							

LOCATION
SAMPLE No.
TYPE OF SAMPLE Sand

SIEVE ANALYSIS

WELL 31/2-2
DEPTH 1593.5
DATE 25/4-80

SIZE CLASS	SIEVE MESH OPENING mm	FRACTIONS RETAINED ON SIEVE GROSS	BASIN	NET WT grams	INDIV%	CUM%
VERY COARSE SAND						
	1.0			0,0154	0,02	99.98
COARSE SAND						
	0,5			0,0940	0,09	98.89
MEDIUM SAND						
	0,25			2,7258	2,72	96.17
FINE SAND						
	0,125			45,5314	45,56	51.61
VERY FINE SAND						
	0,063			33,8471	33,87	17.74
CLAY + SILT	<63µ			17,7288	17,74	
	RECEIVER			99,9425	100,00	
	Fraction passed through 63µ sieve during wet sieving process (100 - %sand fraction)					
CONTROL TOTAL						

ORIGINAL TOTAL WEIGHT
(dried sample)

GROSS
BASIN
NET 100,00 g ≡ 100% sands

INSOLUBLES
(sample after chemical treatment)

GROSS :
FILTER
NET : ≡ 100% insolubls

SOLUBLES

Percentage of total sample dissolved after H_2O_2 and HCl treatment

SAND FRACTION (+ coarse silt)
(fraction on 63µ sieve after wet sieving)

GROSS
FILTER
NET :

82,26 % of insolubls

CALCULATING FACTOR

$$\text{Factor} = \frac{100}{\text{net insolubls}} =$$

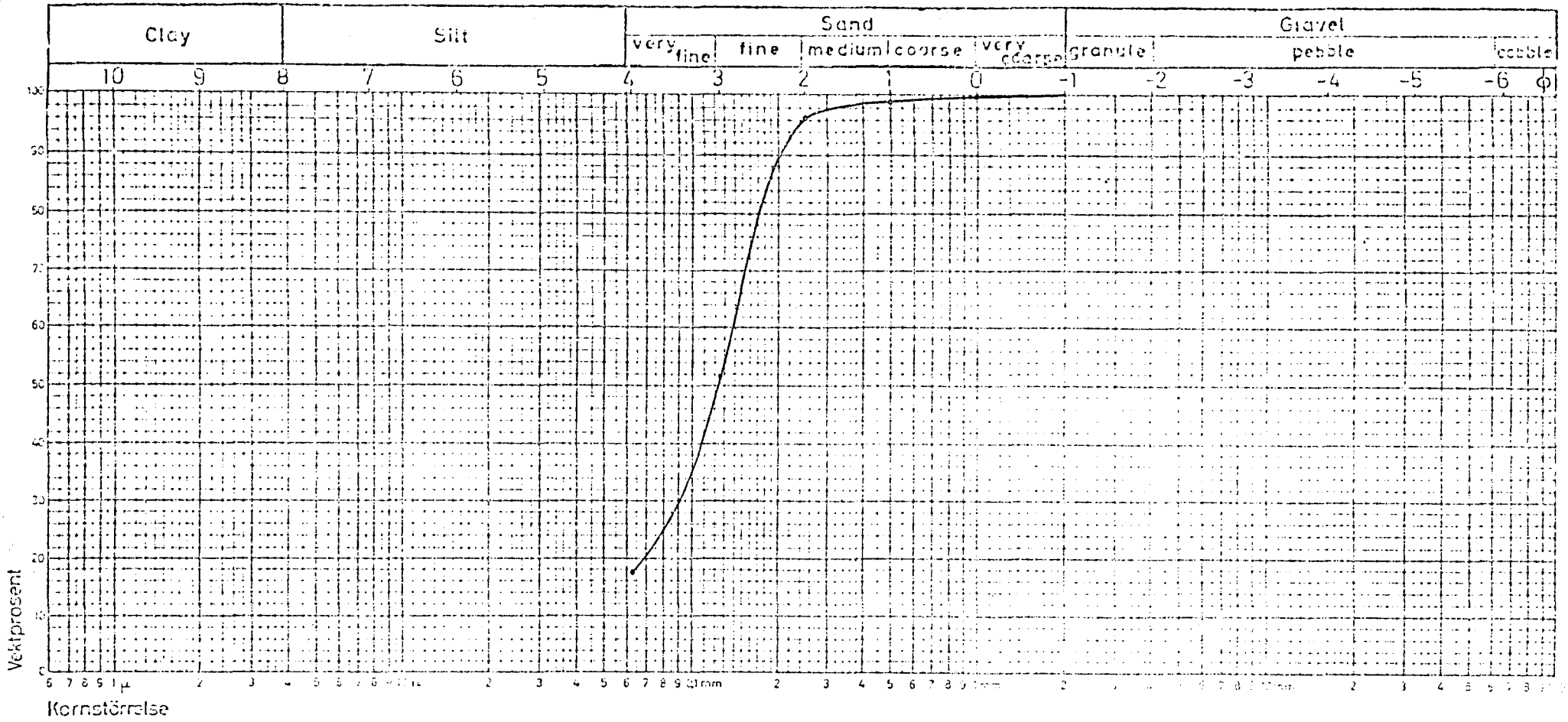
SAND PARAMETERS

d_5
d_{16}
d_{50} = median diam.
d_{84}
d_{95}
$\sigma_{f\,(\phi)} = \frac{d_{84} - d_{16}}{4} + \frac{d_{95} - d_5}{6.6}$

4	3.7	2.0	1.4	1.2	1.1	1.0
extra poor	very poor	poor	moderate	good	very good	extra good

REMARKS

Kornfordelingskurver



Prøve nr	Sted	Dyp	>2 mm	<0.002 mm	Md	M	So	Sk	Merknader
	31/2-2	1593.5							