

Core 1390-3 Sample 0.01 m Grain Size Analysis AWI

%

100
80
60
40
20
0

GRAV 0.1
SAND 2.1
SILT 45.1
CLAY 52.8

MEAN 8.9
MEDI 9.3
SKEW -0.2
KURT 0.7
SORT 2.4

%/phi

50
40
30
20
10
0

PC 5 4.9
PC 16 6.1
PC 25 6.7
PC 50 9.3
PC 75 10.9
PC 84 11.4
PC 95 12.2

GRAVEL

SAND

SILT

CLAY

SILT (100%)

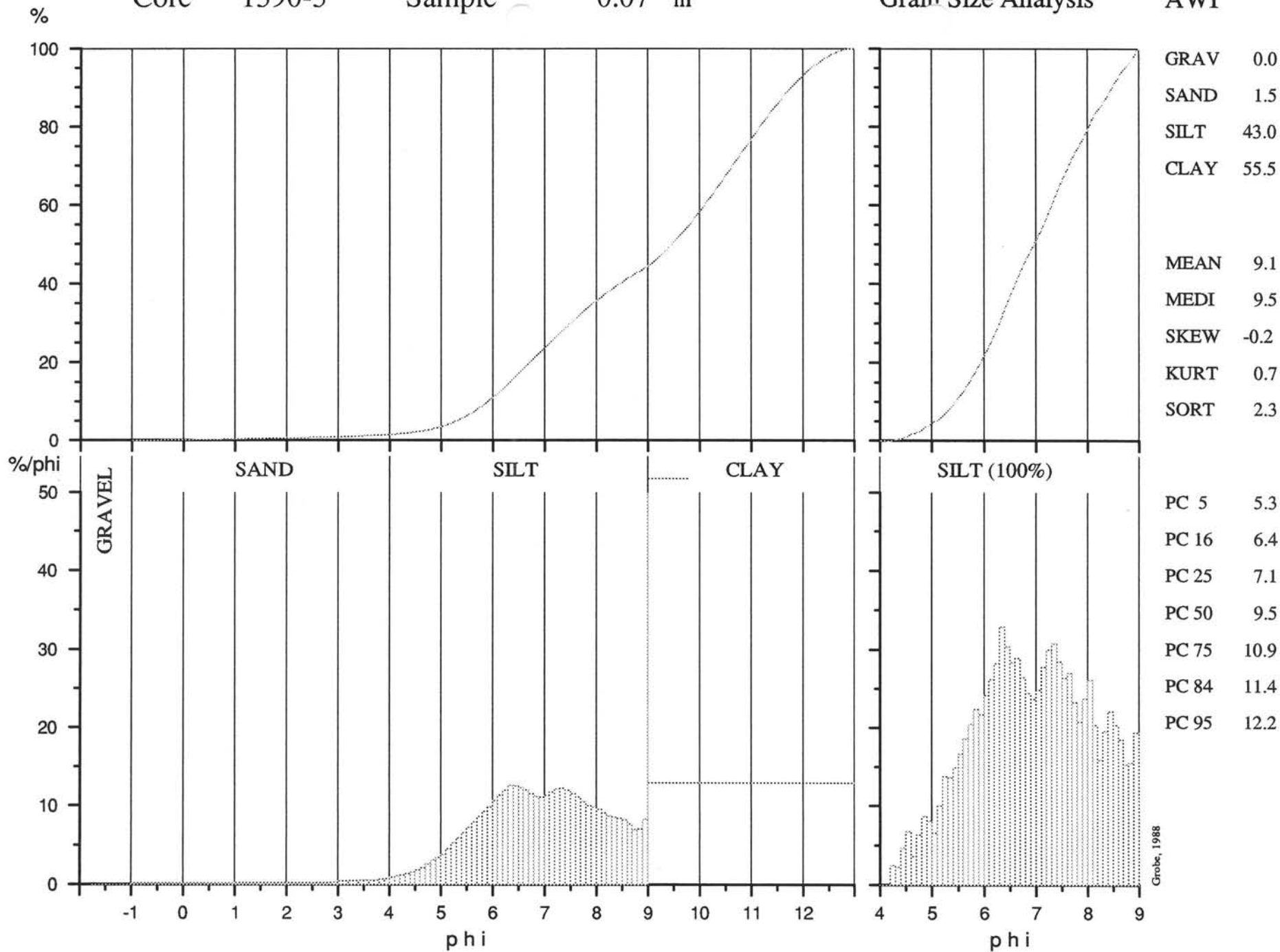
-1 0 1 2 3 4 5 6 7 8 9 10 11 12 4 5 6 7 8 9

phi

phi

Grobe, 1988

Core 1390-3 Sample 0.07 m Grain Size Analysis AWI



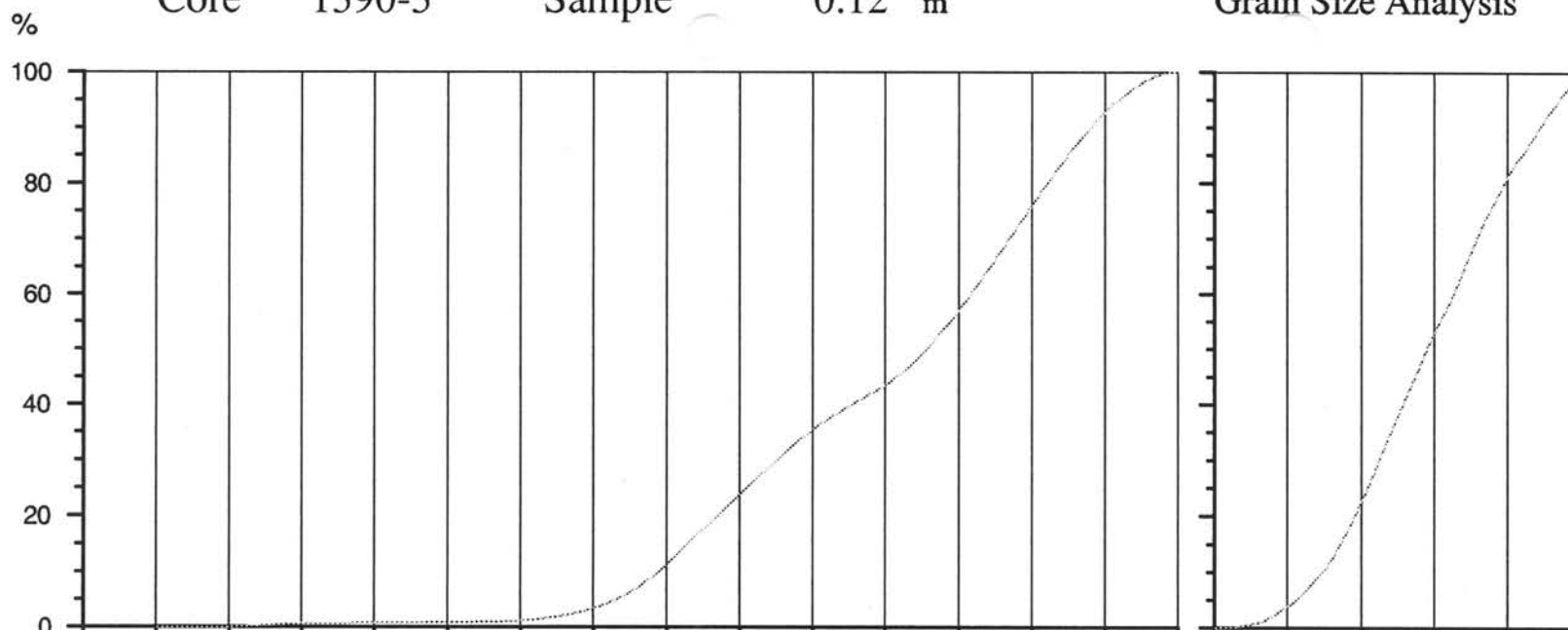
Grobe, 1988

Core 1390-3

Sample 0.12 m

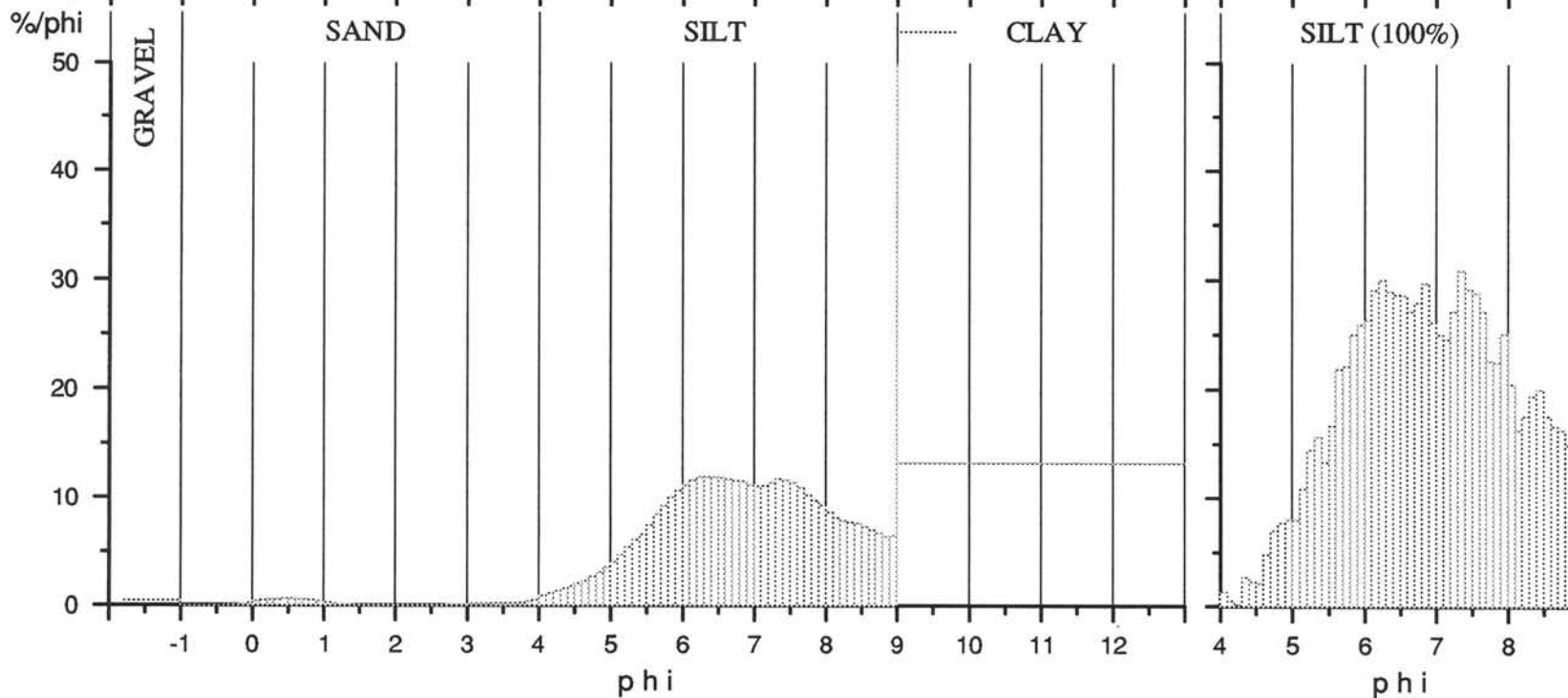
Grain Size Analysis

AWI



GRAV	0.5
SAND	1.2
SILT	42.2
CLAY	56.7

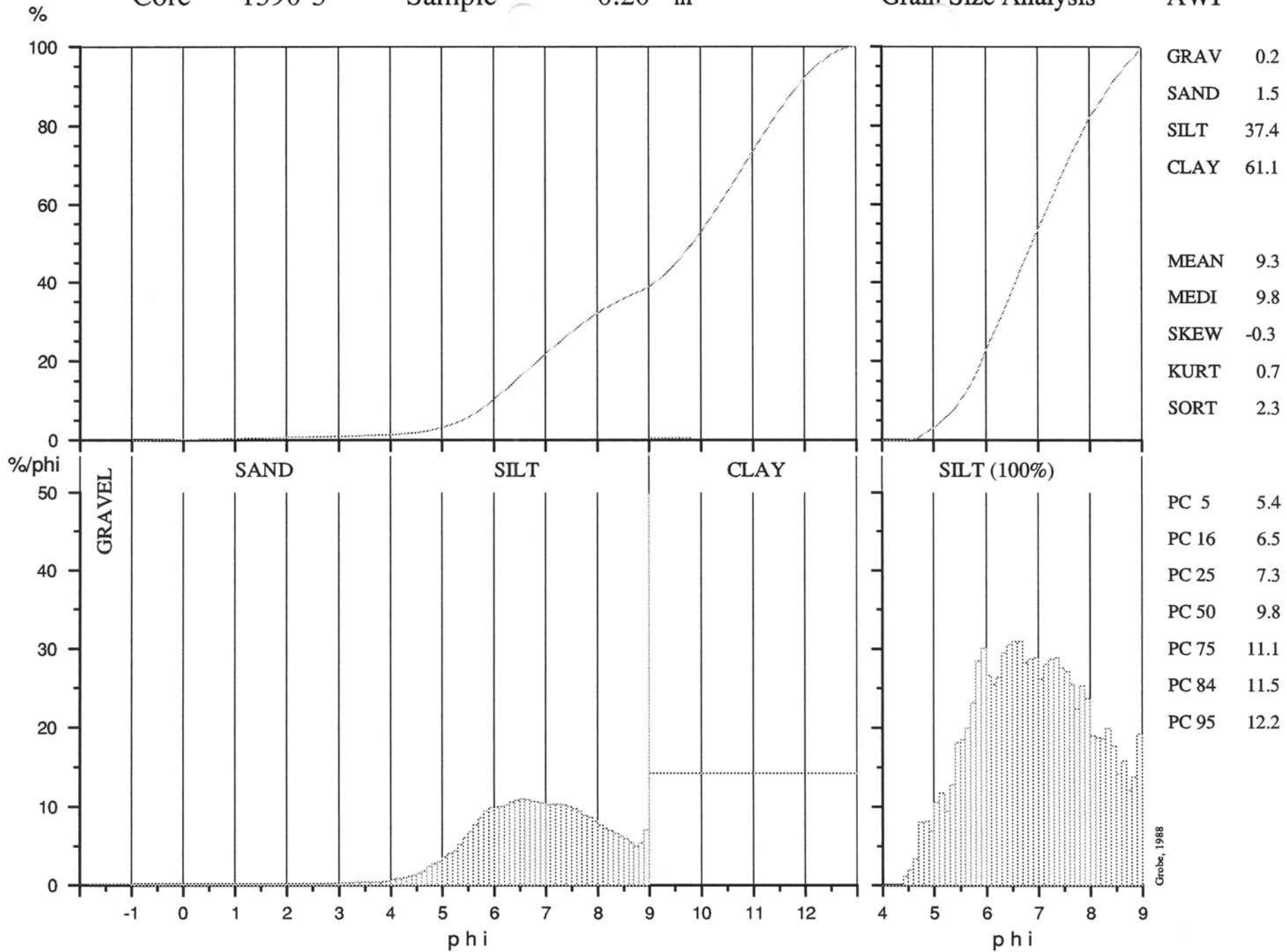
MEAN	9.1
MEDI	9.6
SKEW	-0.2
KURT	0.7
SORT	2.3



PC 5	5.3
PC 16	6.4
PC 25	7.1
PC 50	9.6
PC 75	10.9
PC 84	11.4
PC 95	12.2

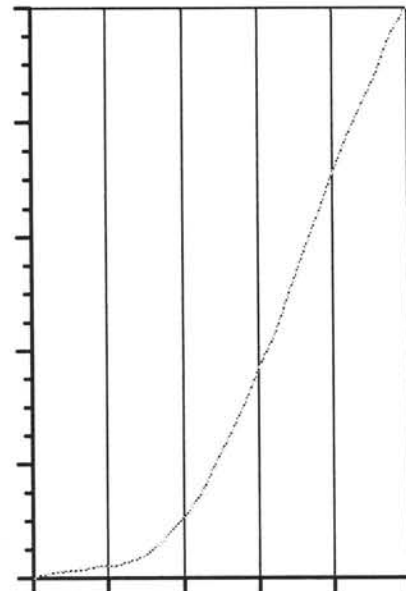
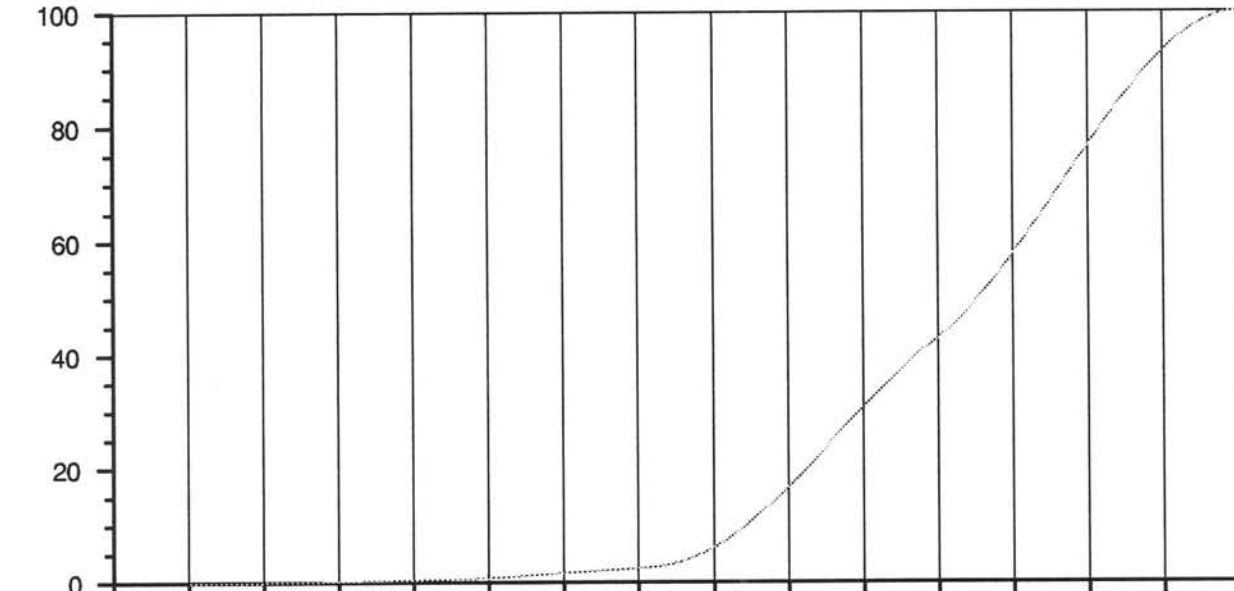
Crober, 1988

Core 1390-3 Sample 0.20 m Grain Size Analysis AWI

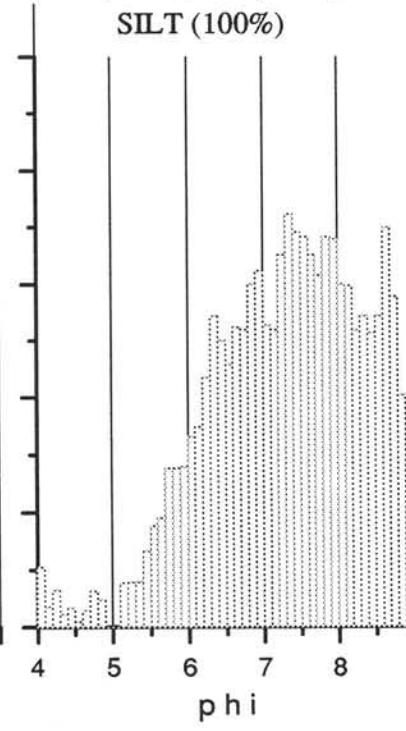
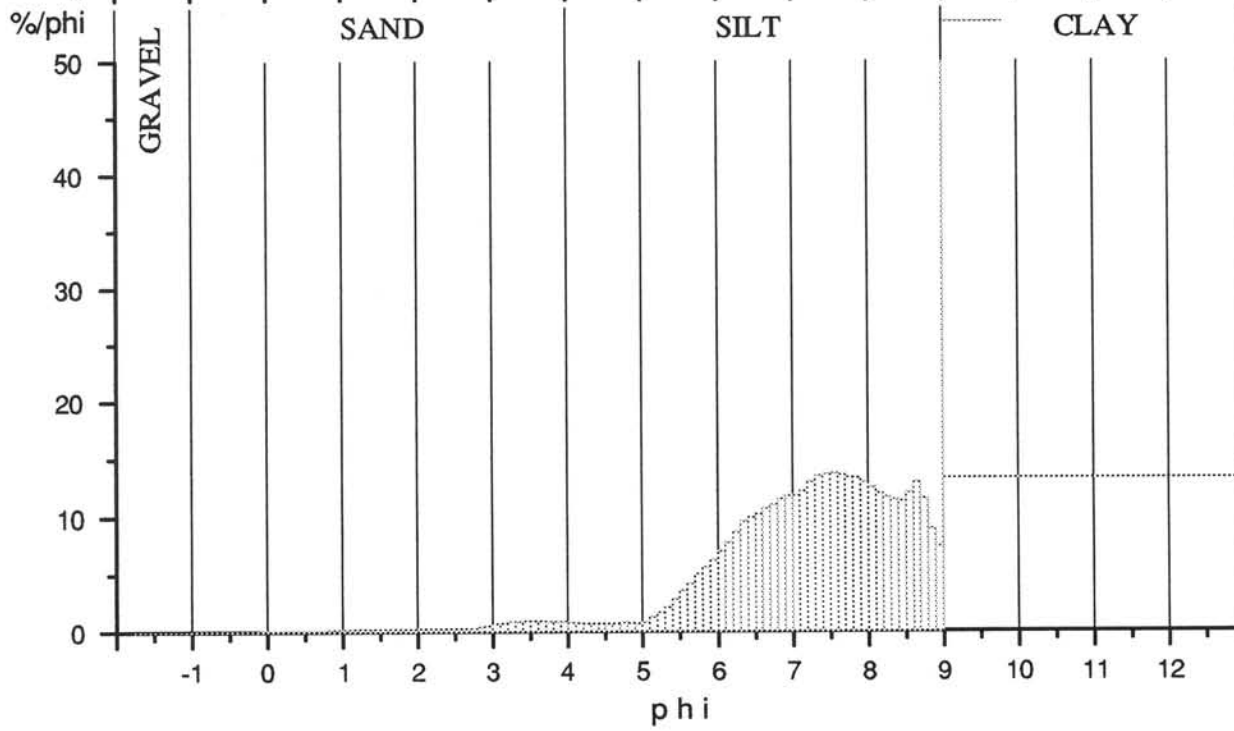


Crober, 1988

Core 1390-3 Sample 0.30 m Grain Size Analysis AWI



GRAV	0.0
SAND	1.8
SILT	41.0
CLAY	57.2
MEAN	9.3
MEDI	9.5
SKEW	-0.2
KURT	0.8
SORT	2.1



PC 5	5.8
PC 16	6.9
PC 25	7.6
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.2

Grobe, 1988

Core 1390-3

Sample 0.40 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

-1

0

1

2

3

4

5

6

7

8

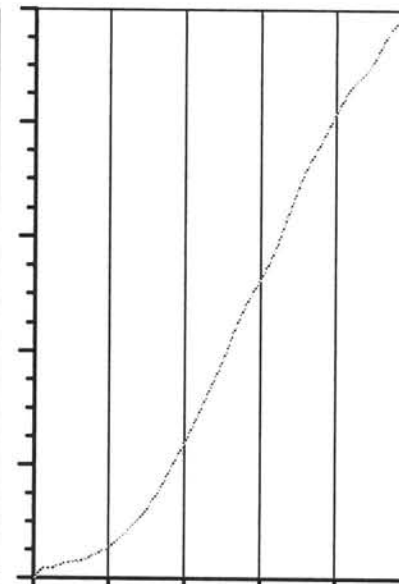
9

10

11

12

phi



GRAV	0.1
SAND	3.8
SILT	43.2
CLAY	52.9

MEAN	8.9
MEDI	9.3
SKEW	-0.2
KURT	0.8
SORT	2.5

GRAVEL

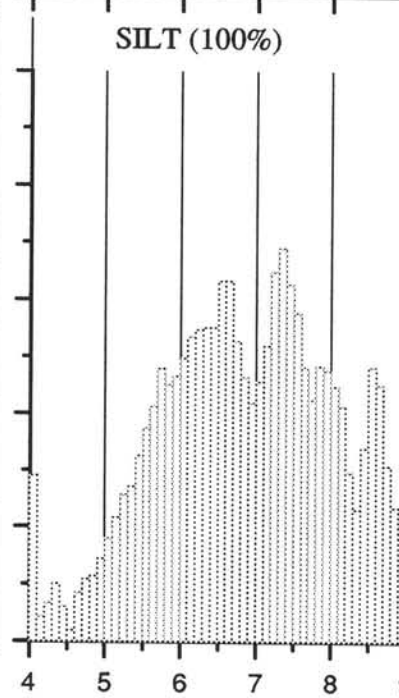
SAND

SILT

CLAY

SILT (100%)

PC 5	4.5
PC 16	6.1
PC 25	6.8
PC 50	9.3
PC 75	10.9
PC 84	11.4
PC 95	12.2



Crober, 1988

Core 1390-3

Sample 0.50 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 16.9

SILT 47.0

CLAY 36.0

MEAN 7.5

MEDI 7.5

SKEW -0.0

KURT 0.7

SORT 3.0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.2

PC 16 4.0

PC 25 5.1

PC 50 7.5

PC 75 10.1

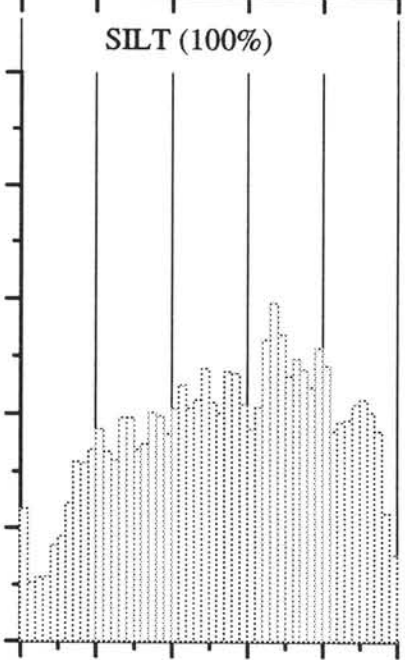
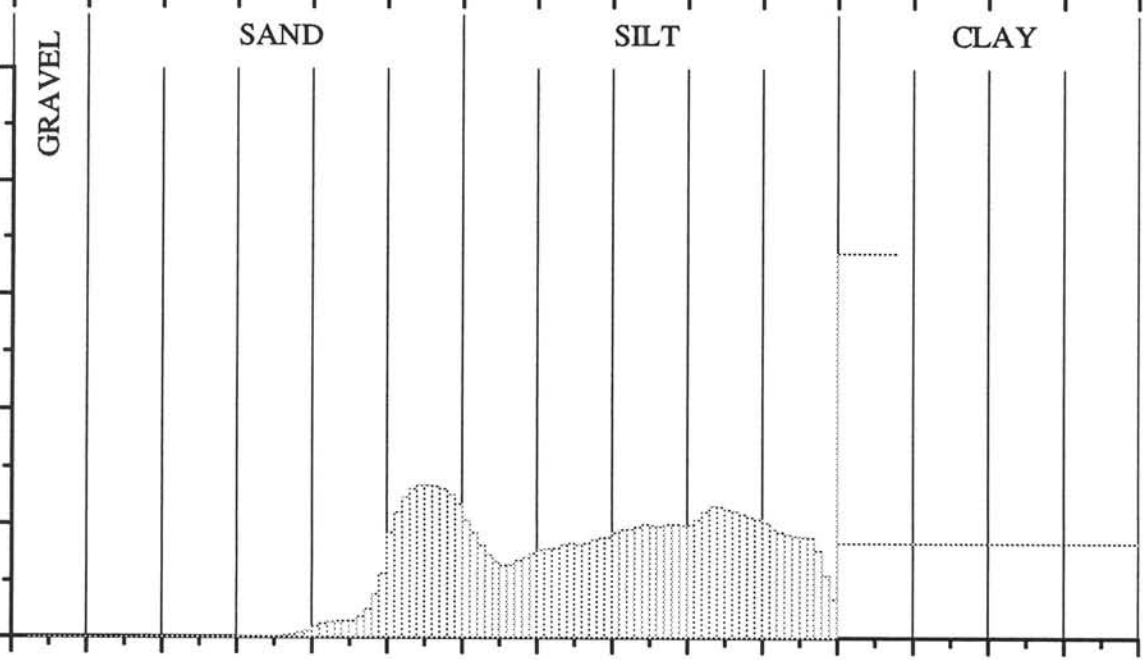
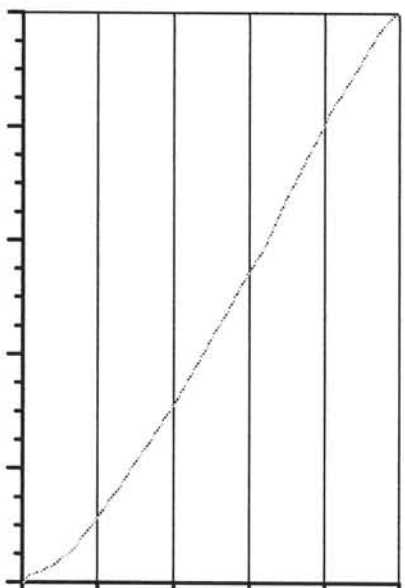
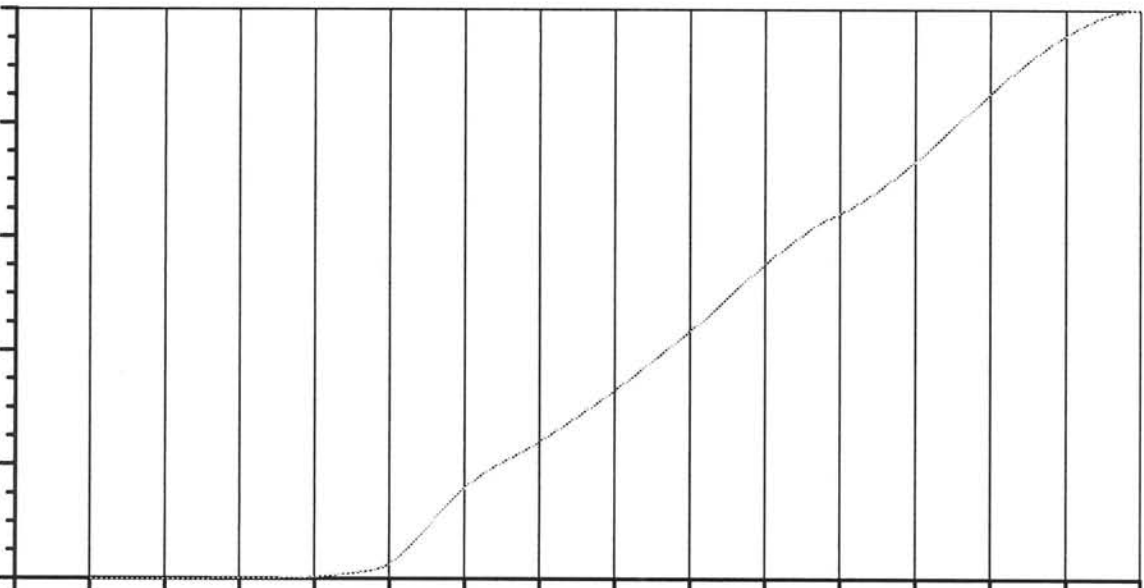
PC 84 10.9

PC 95 11.9

phi

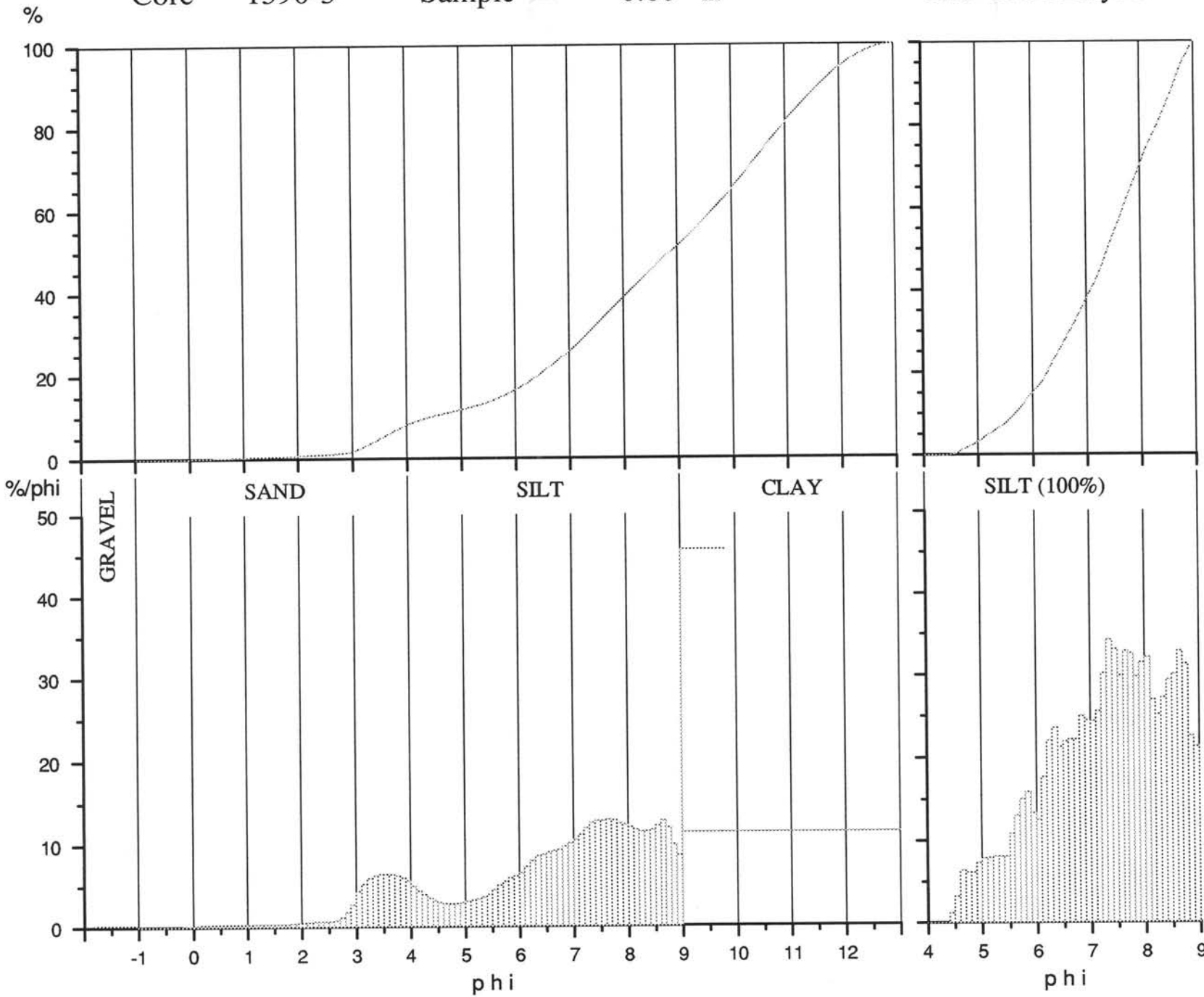
phi

Grobe, 1988



Core 1390-3 Sample 0.60 m

Grain Size Analysis AWI



GRAV	0.2
SAND	8.6
SILT	42.5
CLAY	48.9
MEAN	8.7
MEDI	8.9
SKEW	-0.2
KURT	0.9
SORT	2.6
PC 5	3.5
PC 16	5.9
PC 25	6.9
PC 50	8.9
PC 75	10.6
PC 84	11.2
PC 95	12.1

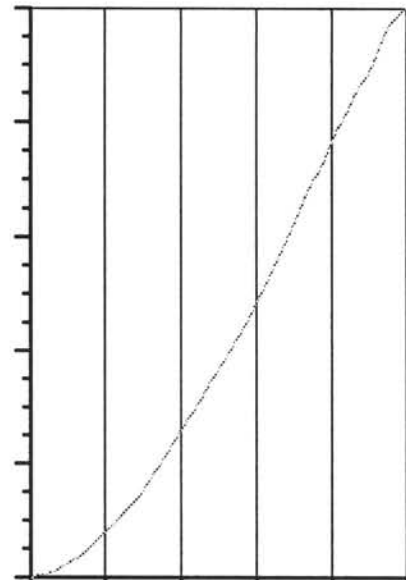
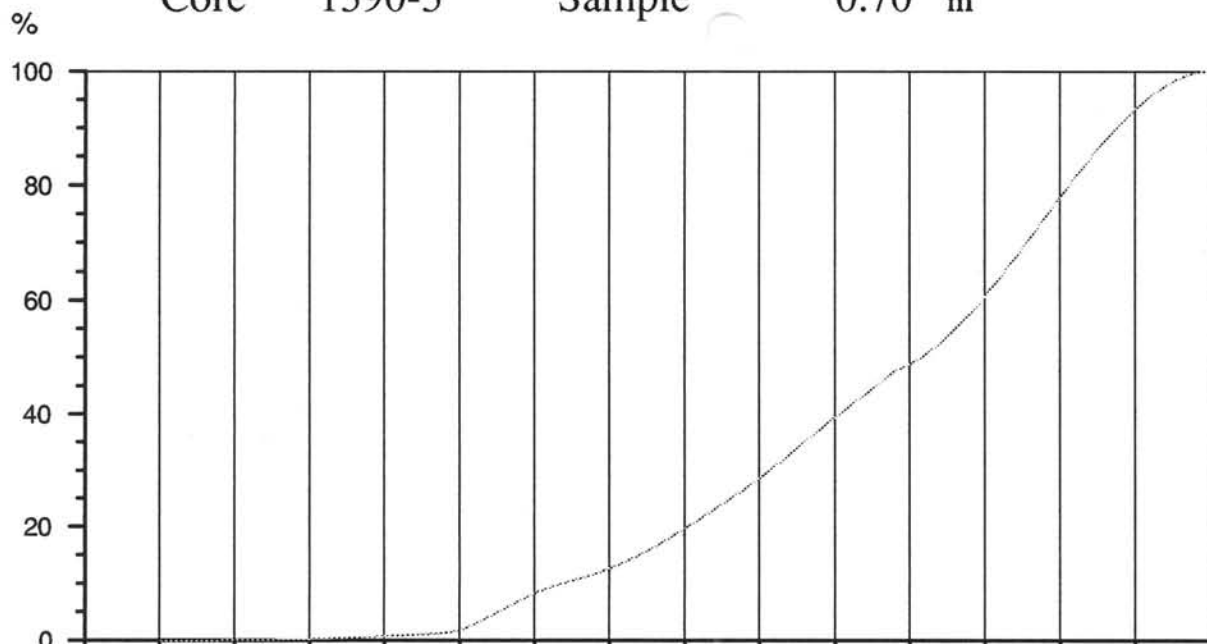
Grobe, 1988

Core 1390-3

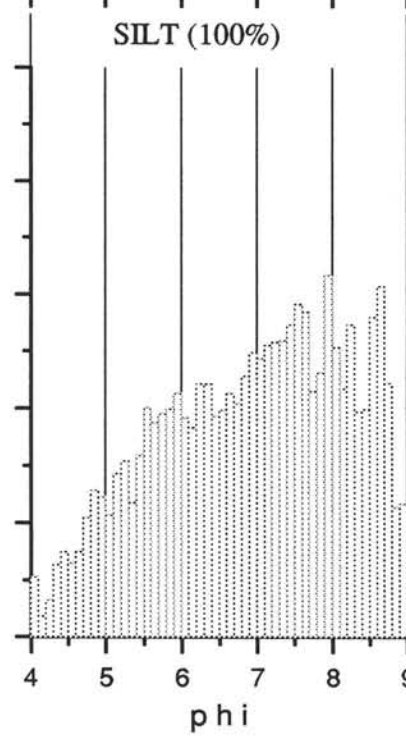
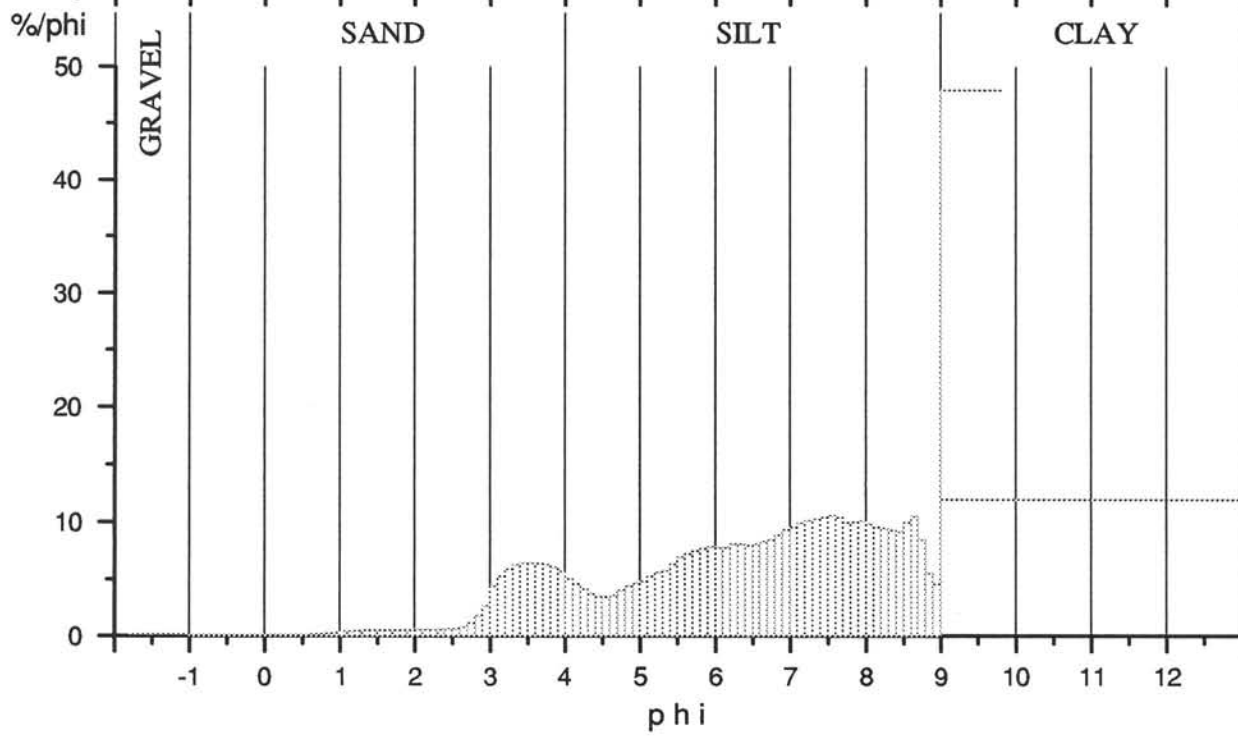
Sample 0.70 m

Grain Size Analysis

AWI



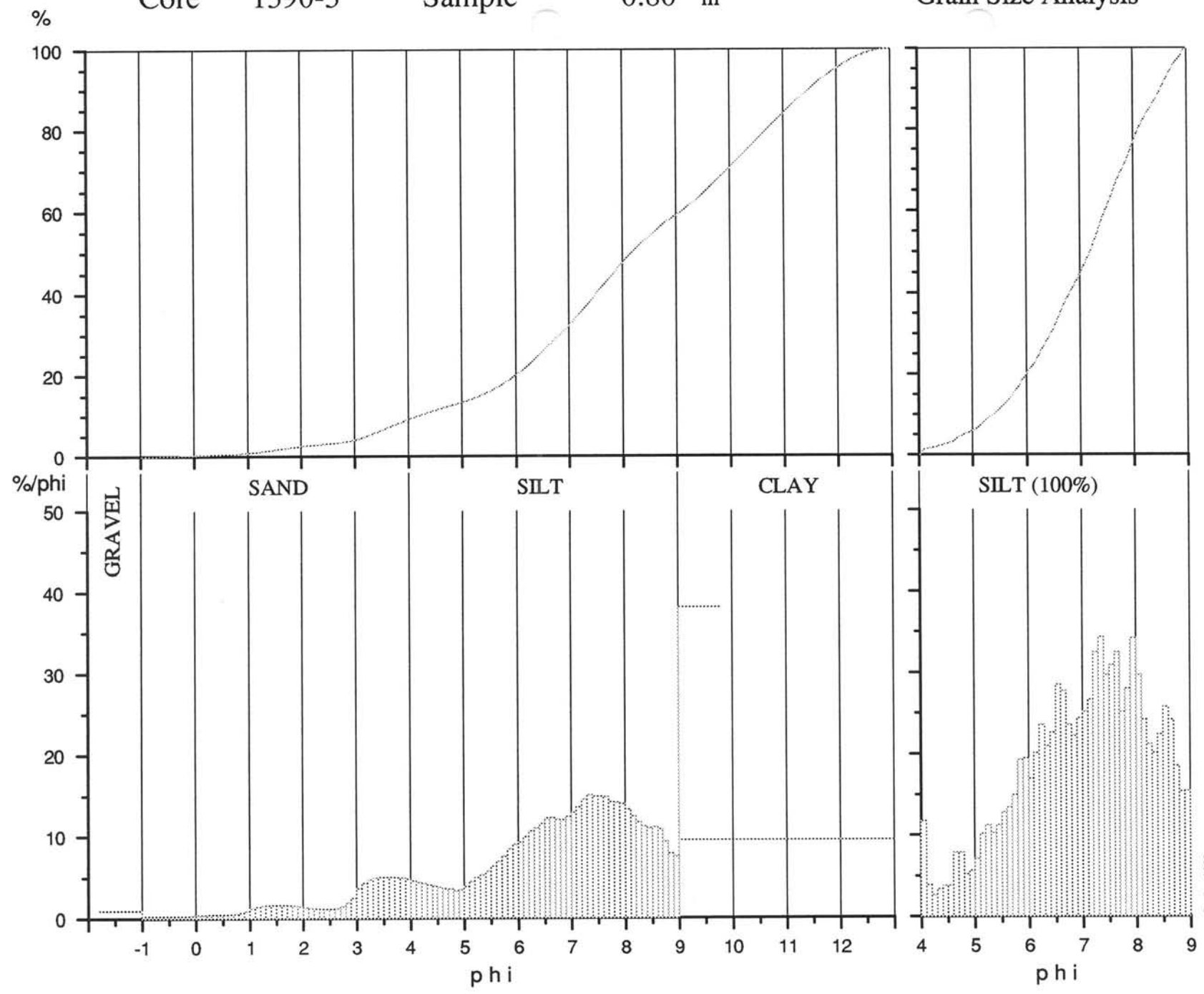
GRAV	0.2
SAND	8.6
SILT	40.0
CLAY	51.4
MEAN	8.7
MEDI	9.1
SKEW	-0.3
KURT	0.8
SORT	2.8



PC 5	3.5
PC 16	5.5
PC 25	6.6
PC 50	9.1
PC 75	10.8
PC 84	11.4
PC 95	12.1

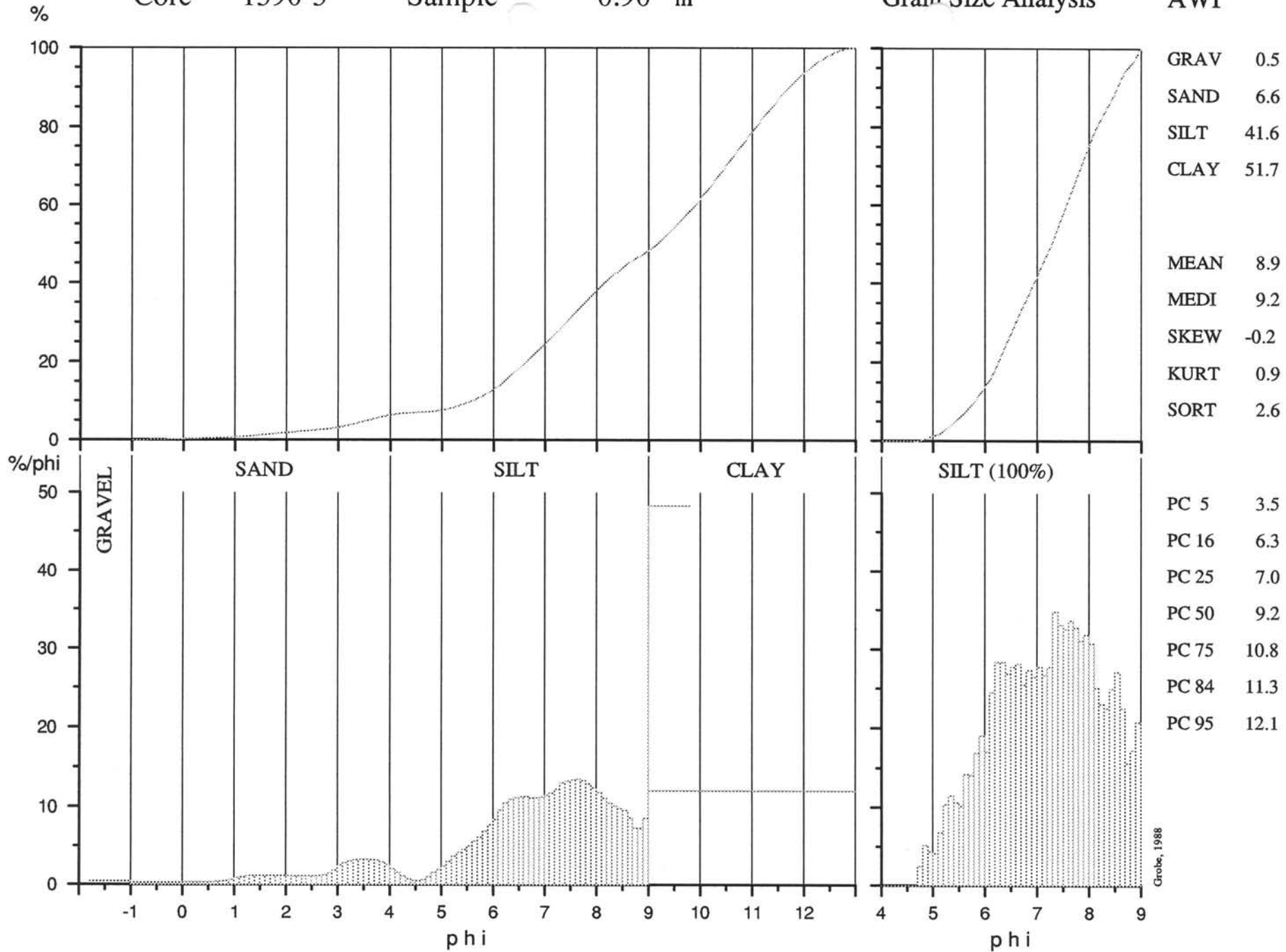
Grobe, 1988

Core 1390-3 Sample 0.80 m Grain Size Analysis AWI



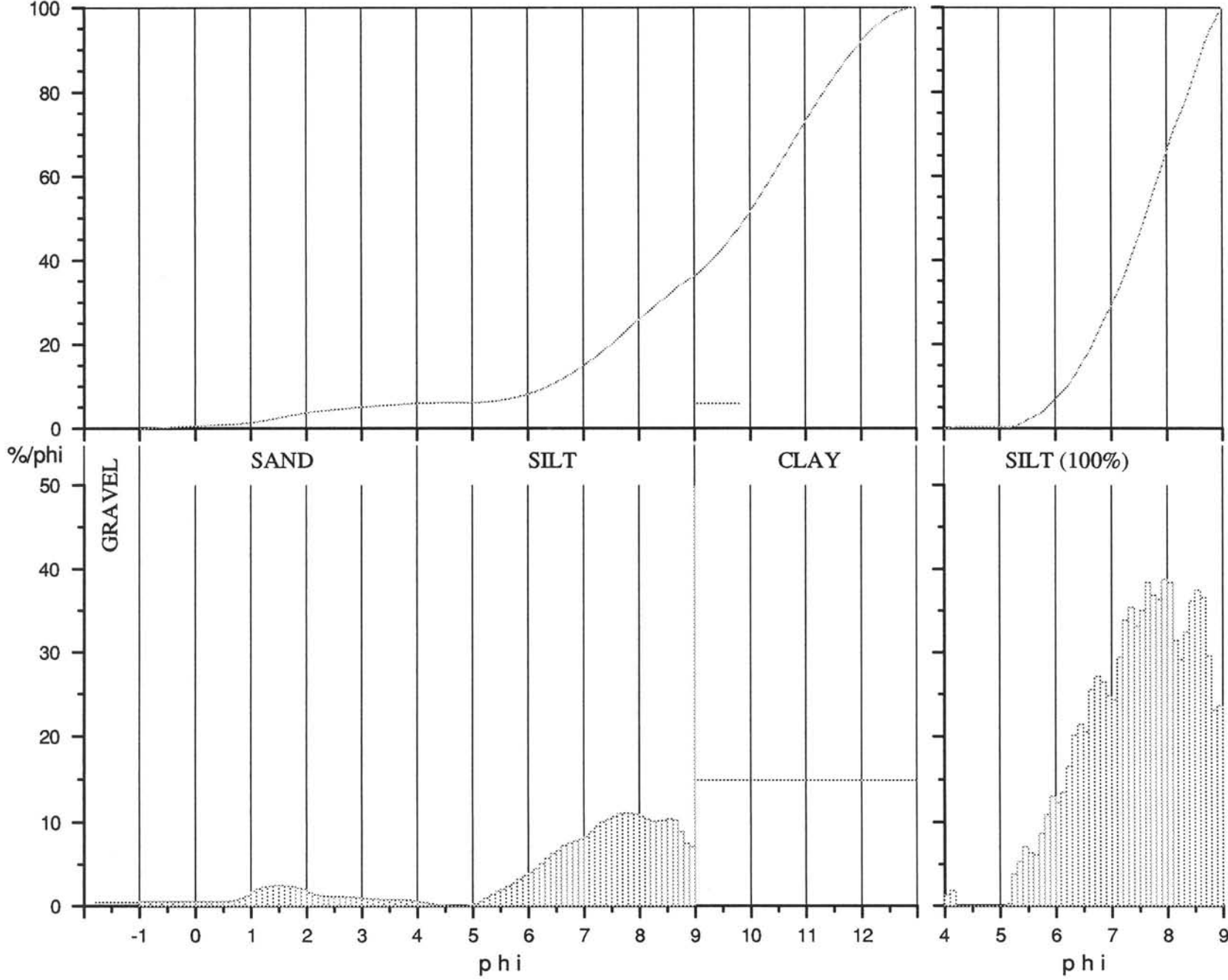
Grobe, 1988

Core 1390-3 Sample 0.90 m Grain Size Analysis AWI



Grobe, 1988

Core 1390-3 Sample 1.00 m Grain Size Analysis AWI



GRAV	0.5
SAND	6.0
SILT	30.1
CLAY	63.9
MEAN	9.5
MEDI	9.9
SKEW	-0.4
KURT	1.2
SORT	2.5
PC 5	2.9
PC 16	7.1
PC 25	7.9
PC 50	9.9
PC 75	11.1
PC 84	11.5
PC 95	12.2

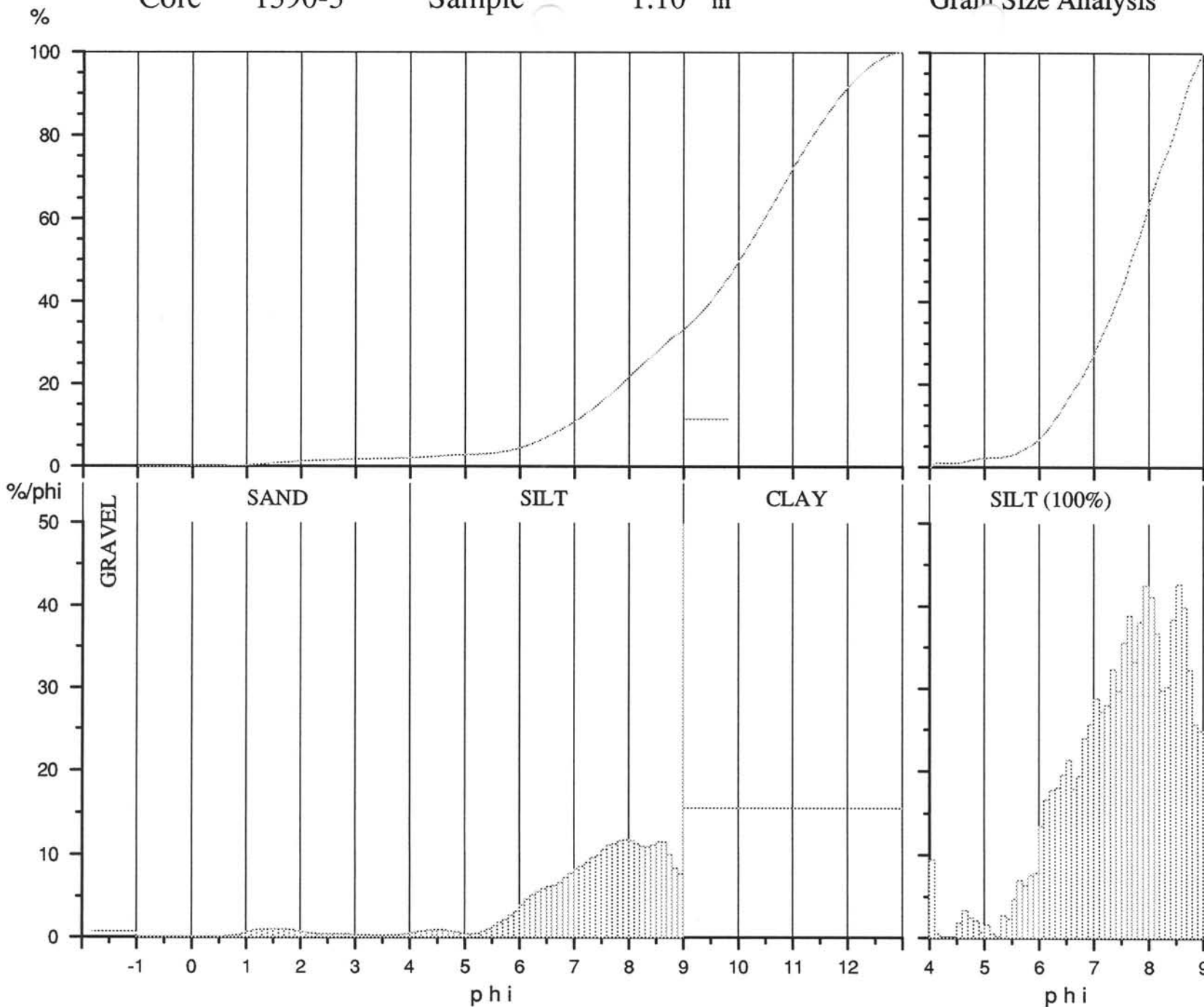
Grobe, 1988

Core 1390-3

Sample 1.10 m

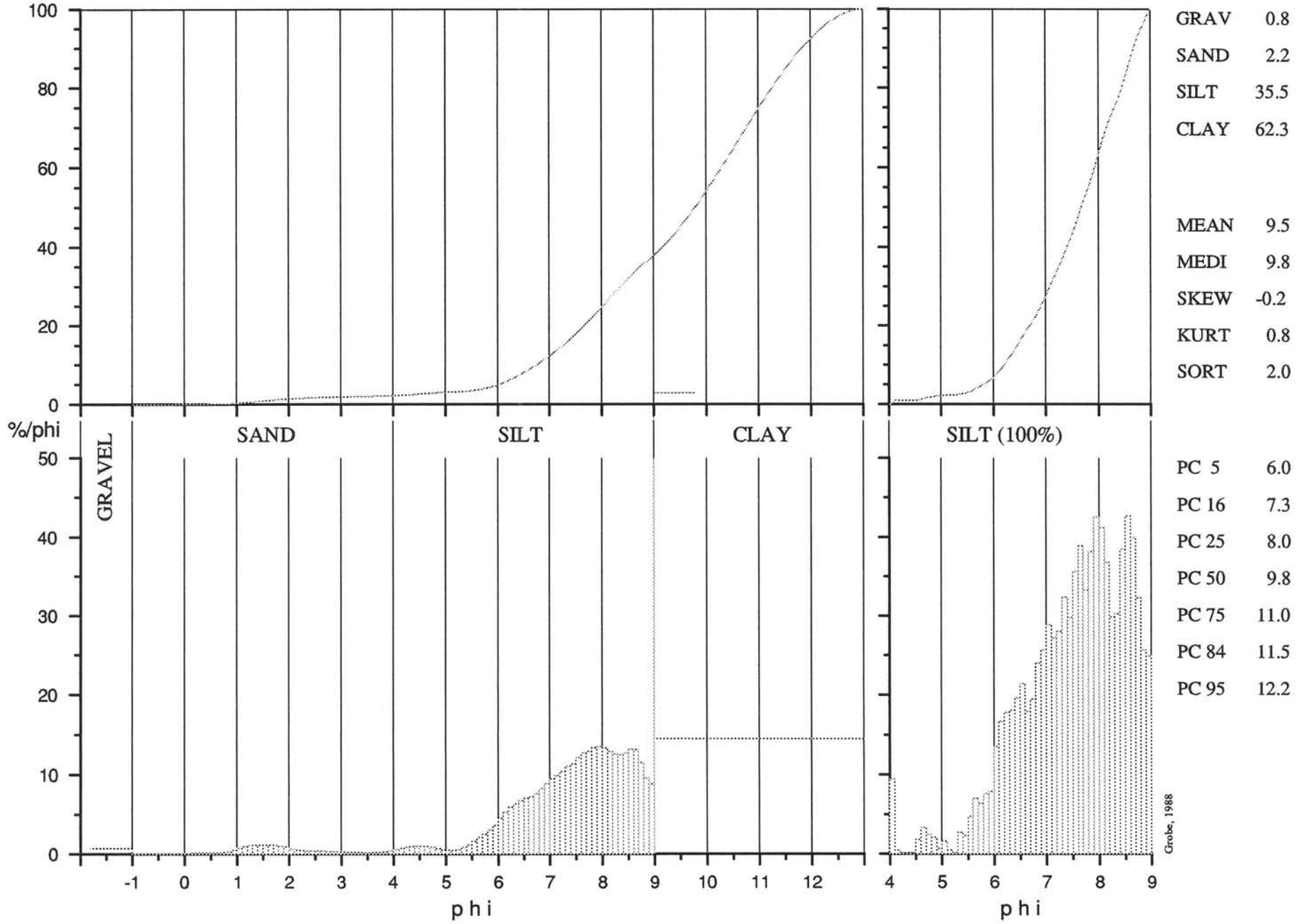
Grain Size Analysis

AWI



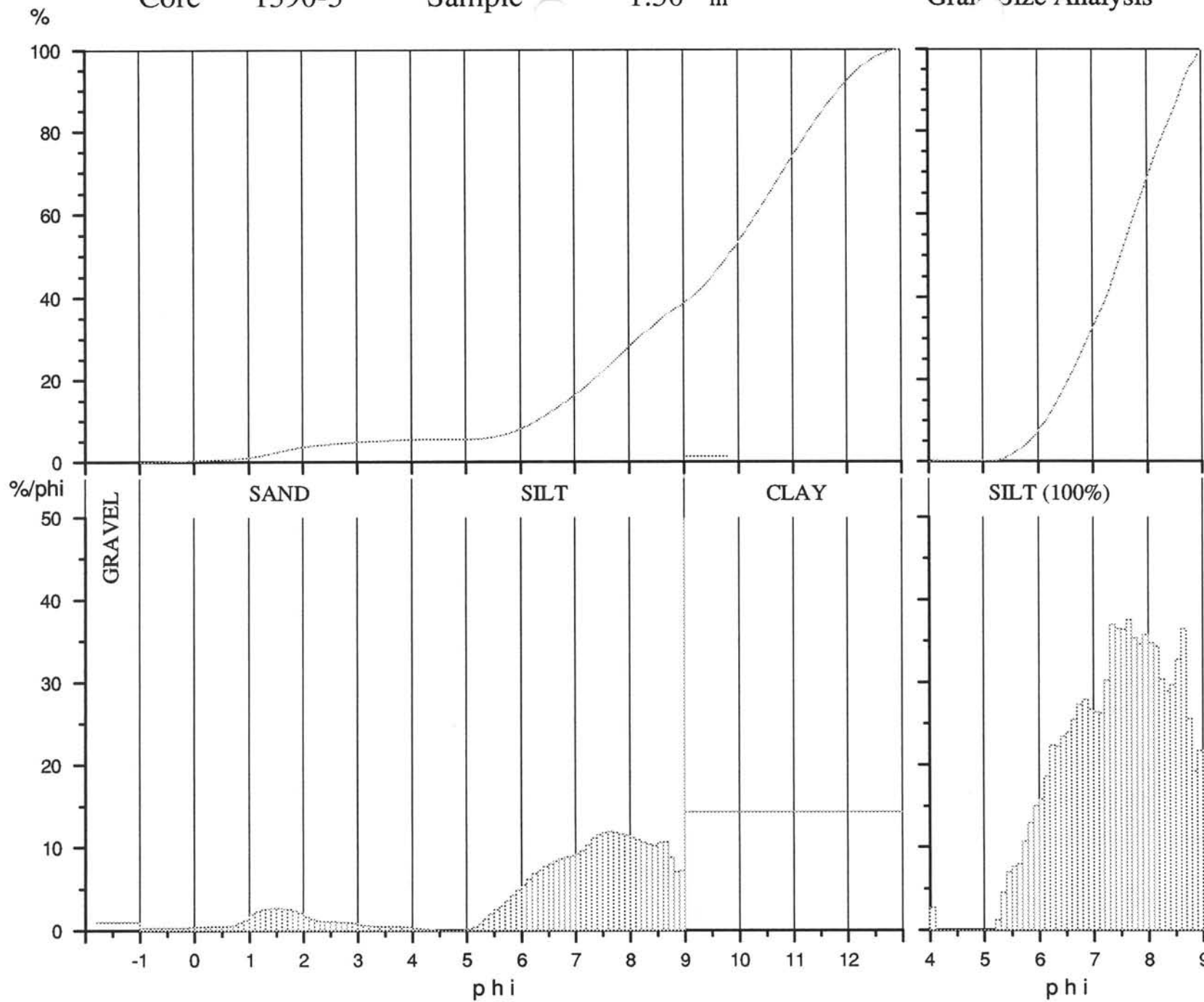
Grobe, 1988

Core 1390-3 Sample 1.20 m Grain Size Analysis AWI



Core 1390-3 Sample 1.30 m

Grain Size Analysis AWI



Grobe, 1988

Core

1390-3

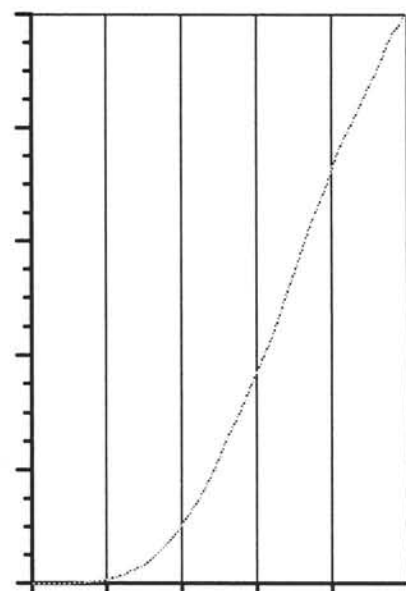
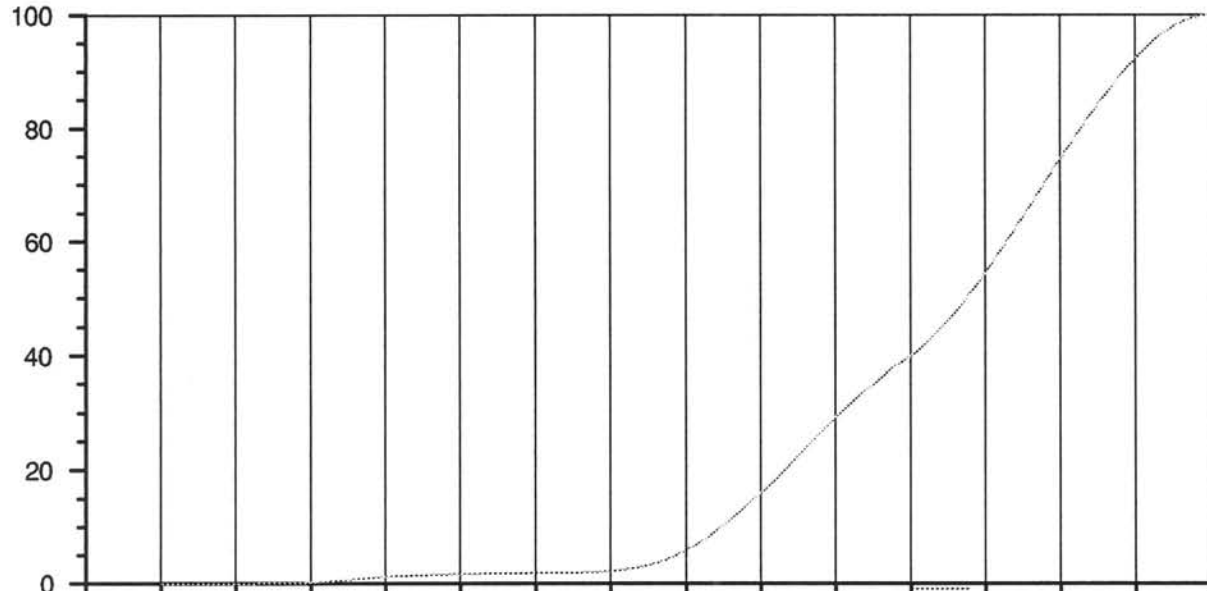
Sample

1.40 m

Grain Size Analysis

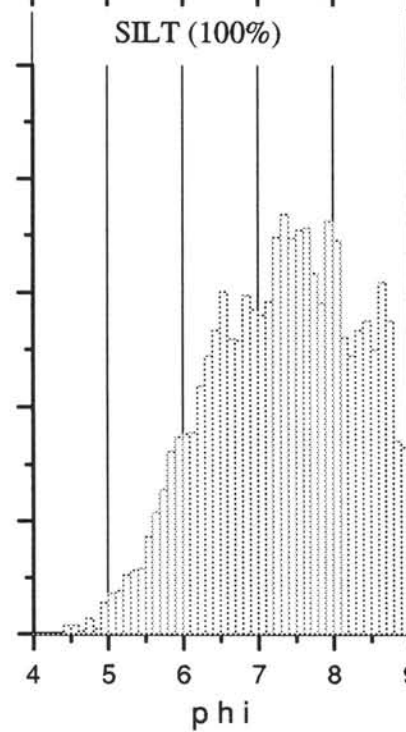
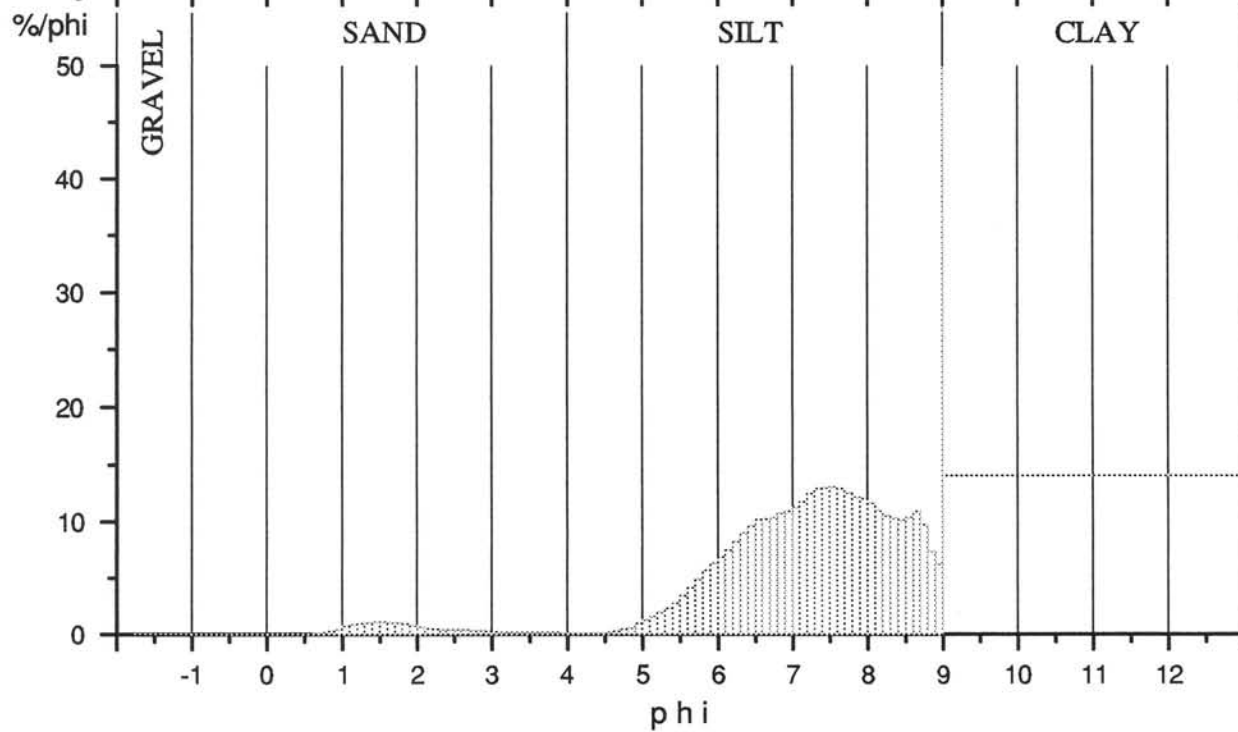
AWI

%



GRAV	0.1
SAND	1.9
SILT	37.8
CLAY	60.2

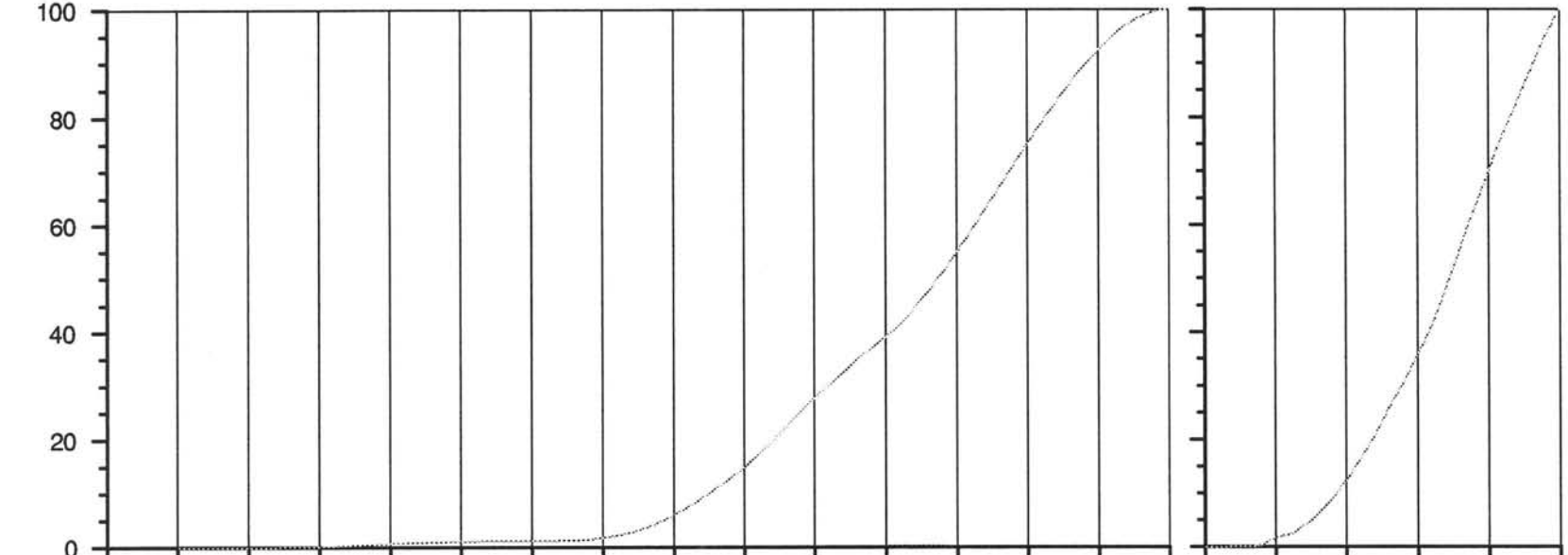
MEAN	9.4
MEDI	9.8
SKEW	-0.2
KURT	0.8
SORT	2.1



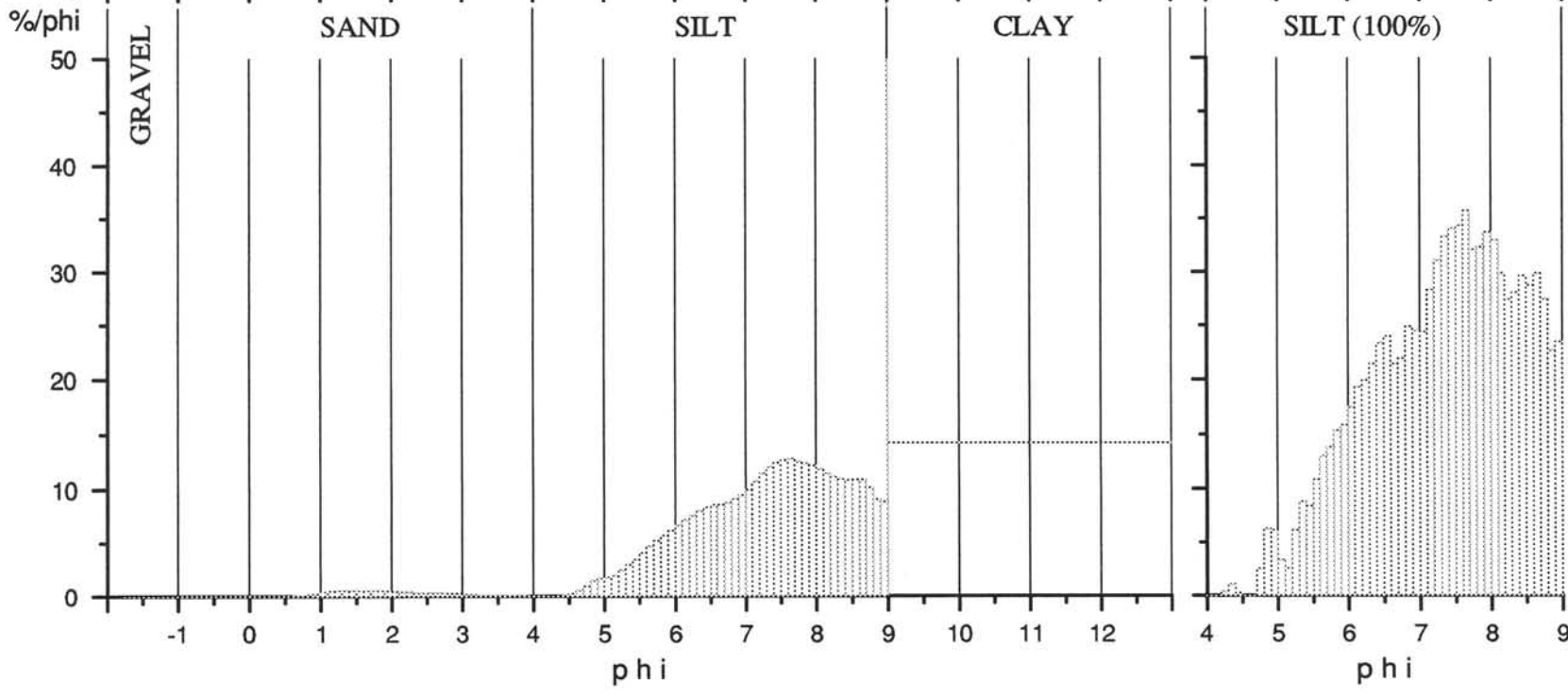
PC 5	5.9
PC 16	7.0
PC 25	7.7
PC 50	9.8
PC 75	11.0
PC 84	11.5
PC 95	12.2

Grobe, 1988

Core 1390-3 Sample 1.50 m Grain Size Analysis AWI



GRAV	0.0
SAND	1.3
SILT	37.7
CLAY	60.9
MEAN	9.4
MEDI	9.7
SKEW	-0.2
KURT	0.8
SORT	2.1



PC 5	5.8
PC 16	7.1
PC 25	7.8
PC 50	9.7
PC 75	11.0
PC 84	11.5
PC 95	12.2

Grobe, 1988

Core 1390-3 Sample 1.60 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 2.4

SILT 35.2

CLAY 62.4

MEAN 9.5

MEDI 9.8

SKEW -0.2

KURT 0.8

SORT 2.1

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 5.8

PC 16 7.2

PC 25 7.9

PC 50 9.8

PC 75 11.1

PC 84 11.5

PC 95 12.2

-1

0

1

2

3

4

5

6

7

8

9

phi

10

11

12

4

5

6

7

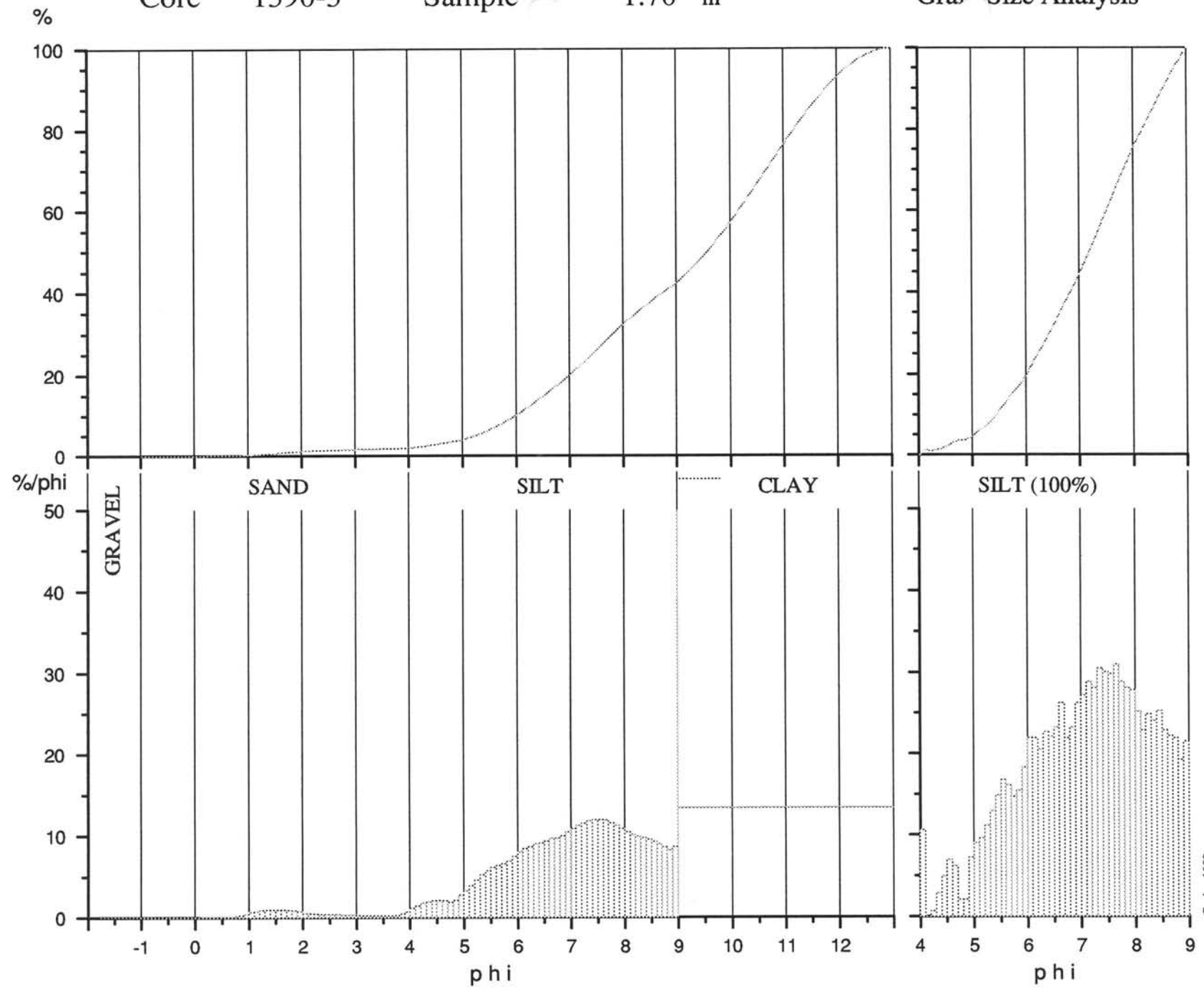
8

9

phi

Grobe, 1988

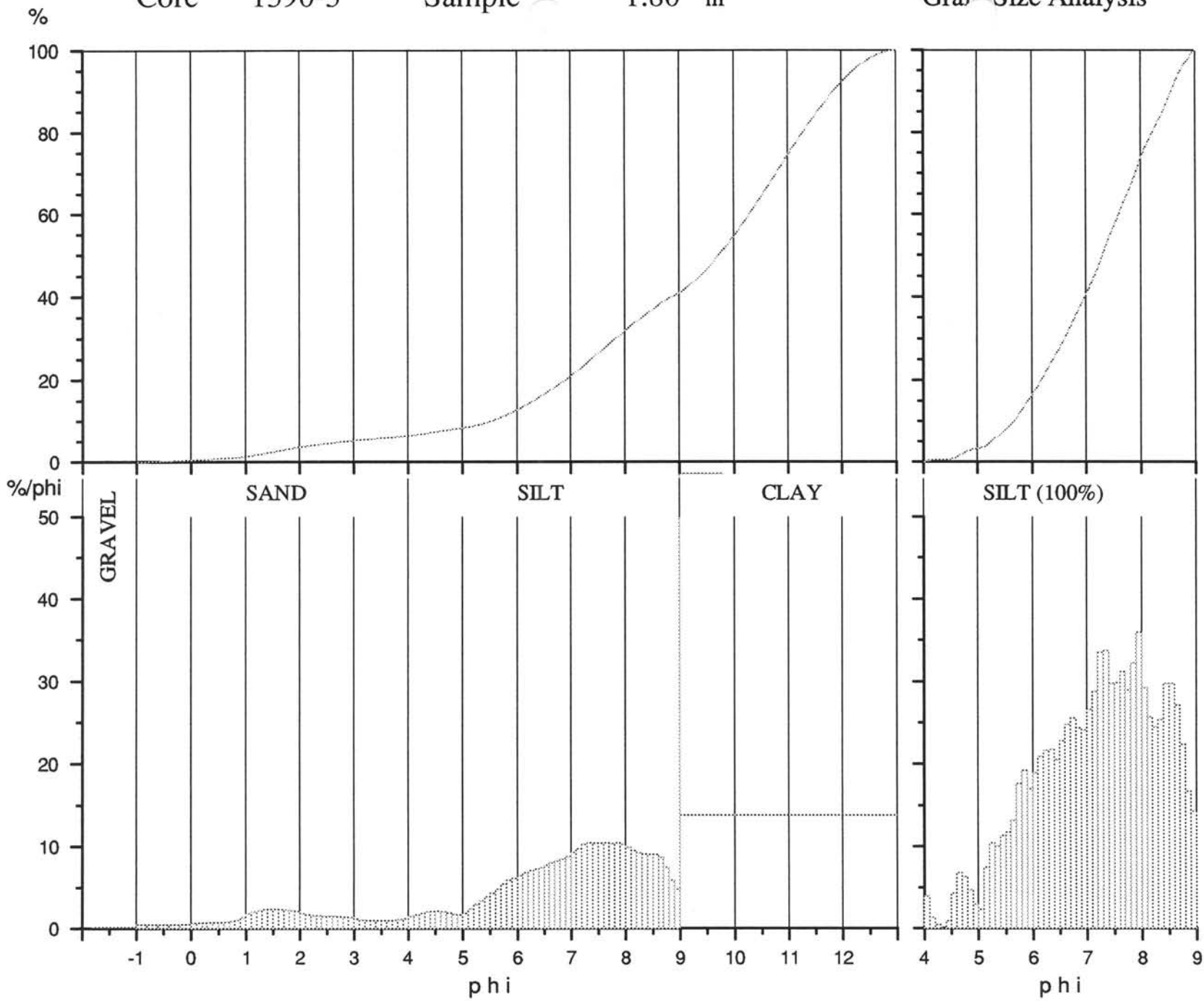
Core 1390-3 Sample 1.70 m Grain Size Analysis AWI



Grobe, 1988

Core 1390-3 Sample 1.80 m

Grain Size Analysis AWI



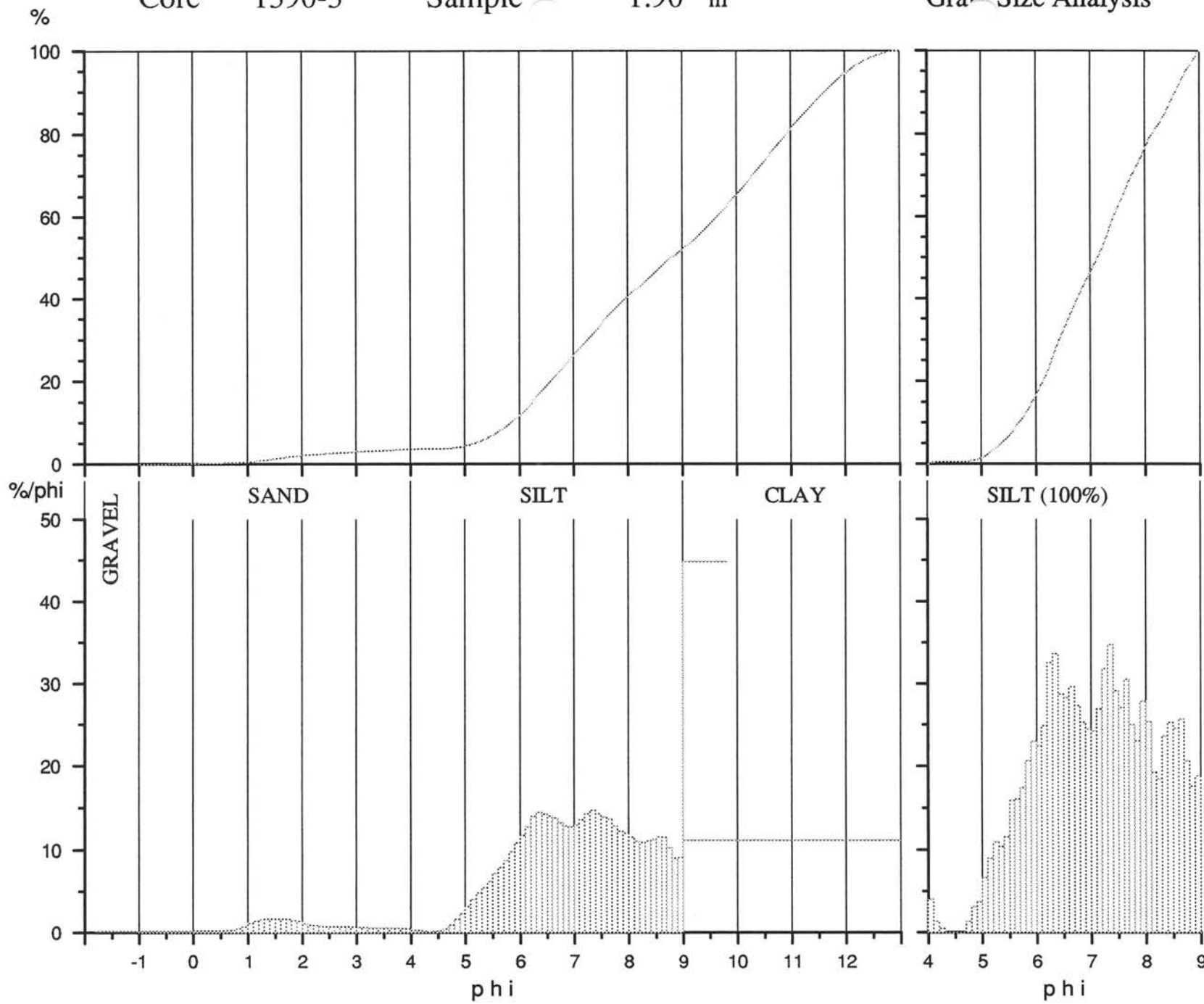
Grobe, 1988

Core 1390-3

Sample 1.90 m

Grain Size Analysis

AWI



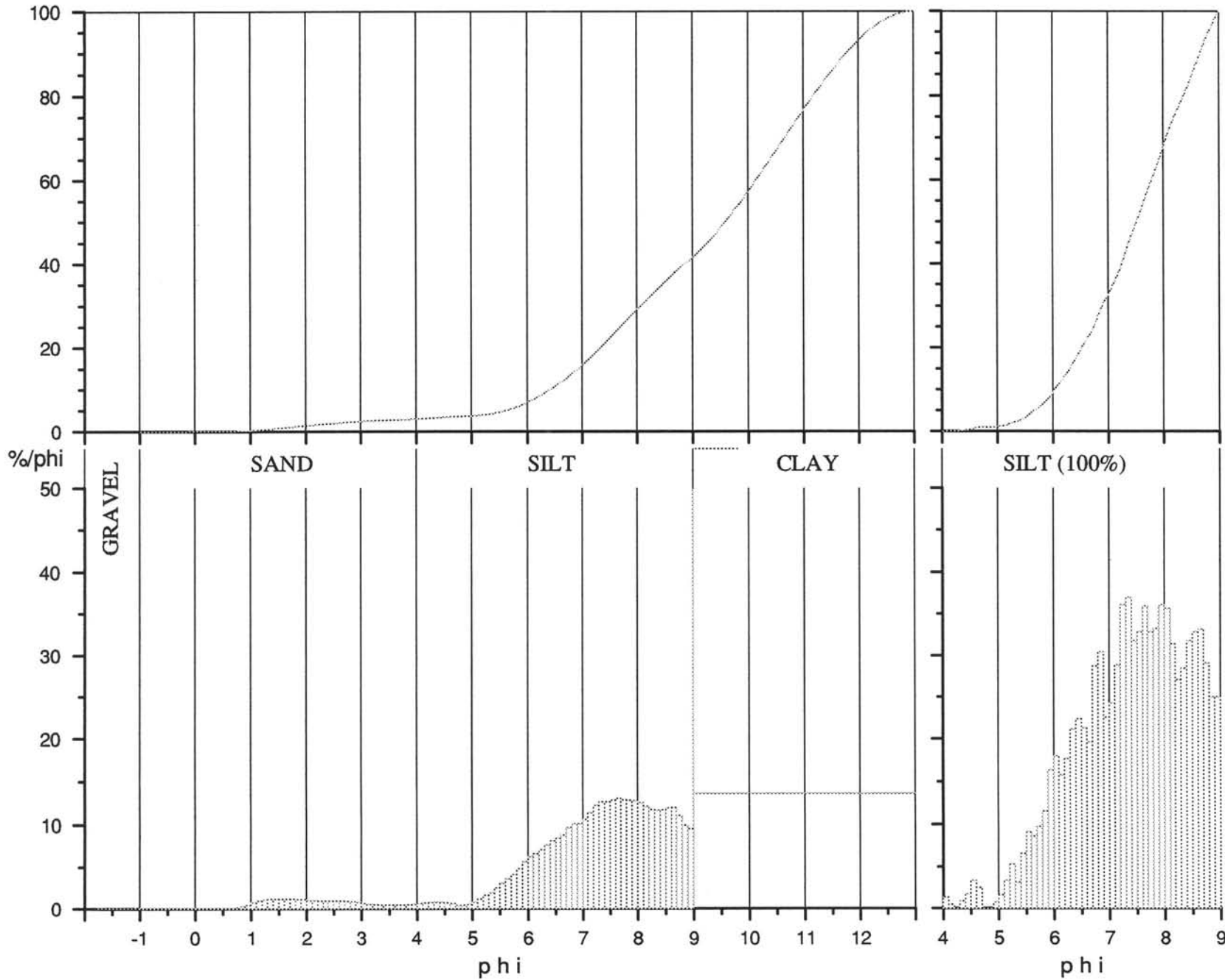
GRAV	0.2
SAND	3.7
SILT	48.3
CLAY	48.0

MEAN	8.8
MEDI	8.8
SKEW	-0.0
KURT	0.8
SORT	2.3

PC 5	5.2
PC 16	6.3
PC 25	6.9
PC 50	8.8
PC 75	10.6
PC 84	11.2
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 2.00 m Grain Size Analysis AWI

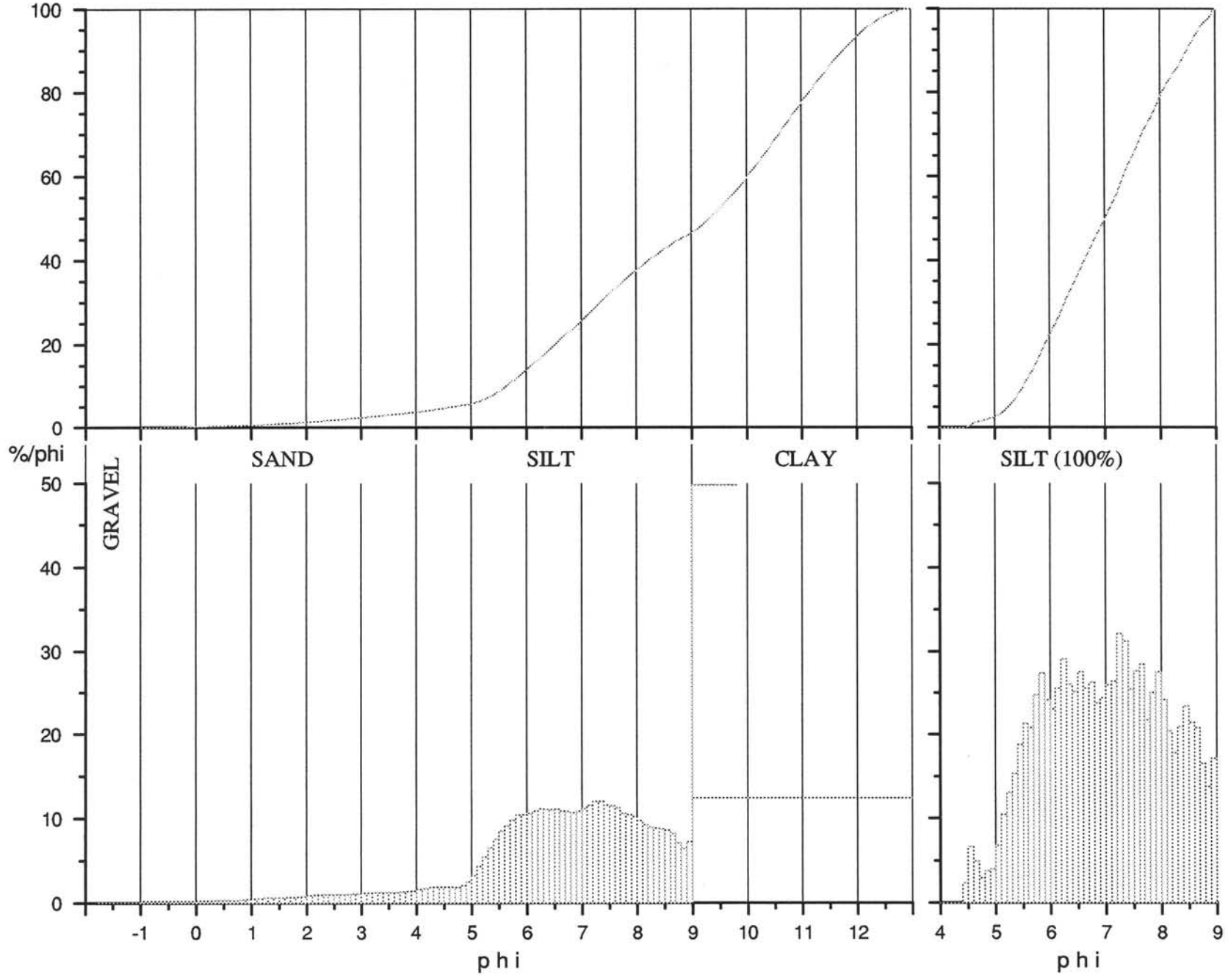


GRAV	0.1
SAND	3.1
SILT	38.4
CLAY	58.5
MEAN	9.3
MEDI	9.6
SKEW	-0.2
KURT	0.8
SORT	2.1

PC 5	5.6
PC 16	7.0
PC 25	7.7
PC 50	9.6
PC 75	10.9
PC 84	11.4
PC 95	12.2

Grobe, 1988

Core 1390-3 Sample 2.10 m Grain Size Analysis AWI



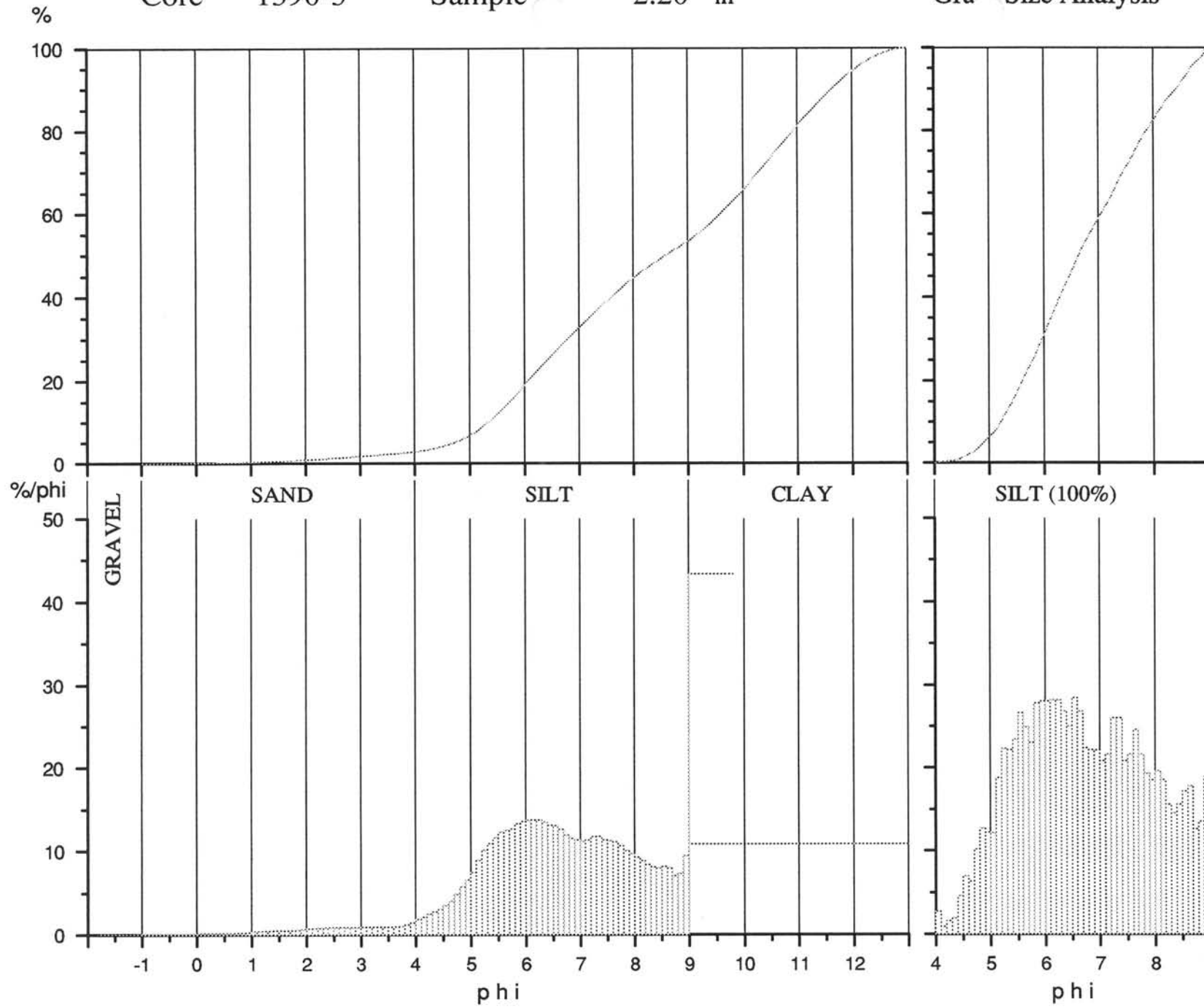
Grobe, 1988

Core 1390-3

Sample 2.20 m

Grain Size Analysis

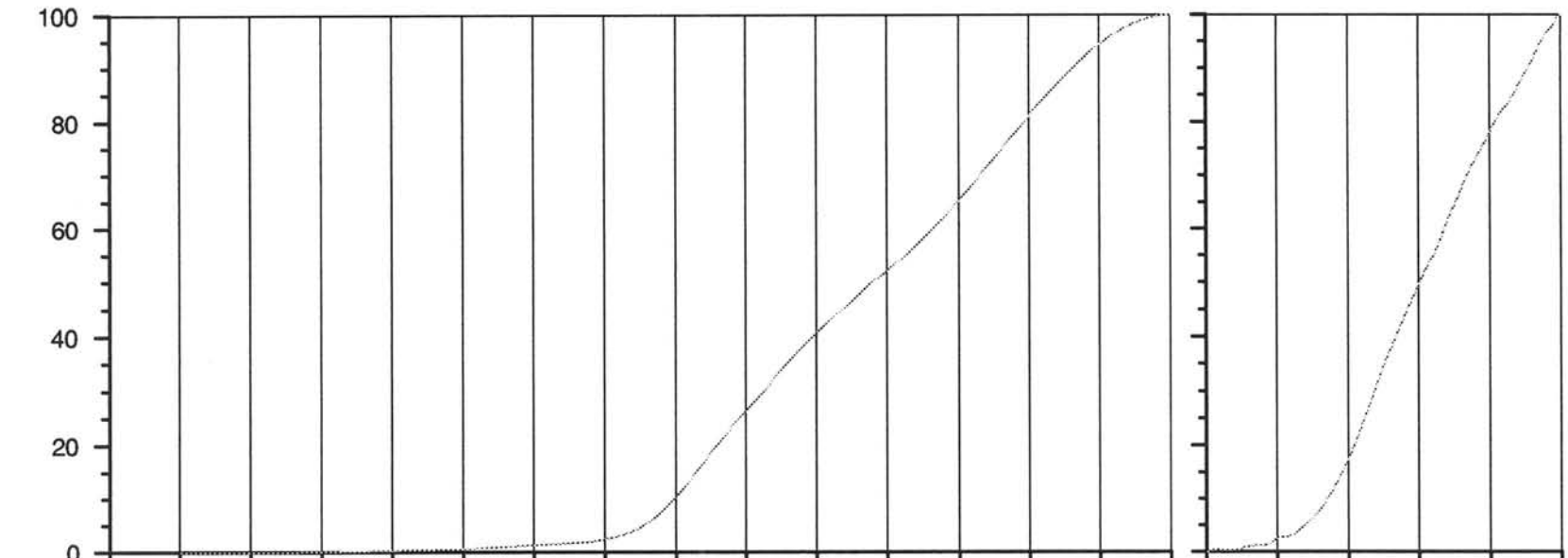
AWI



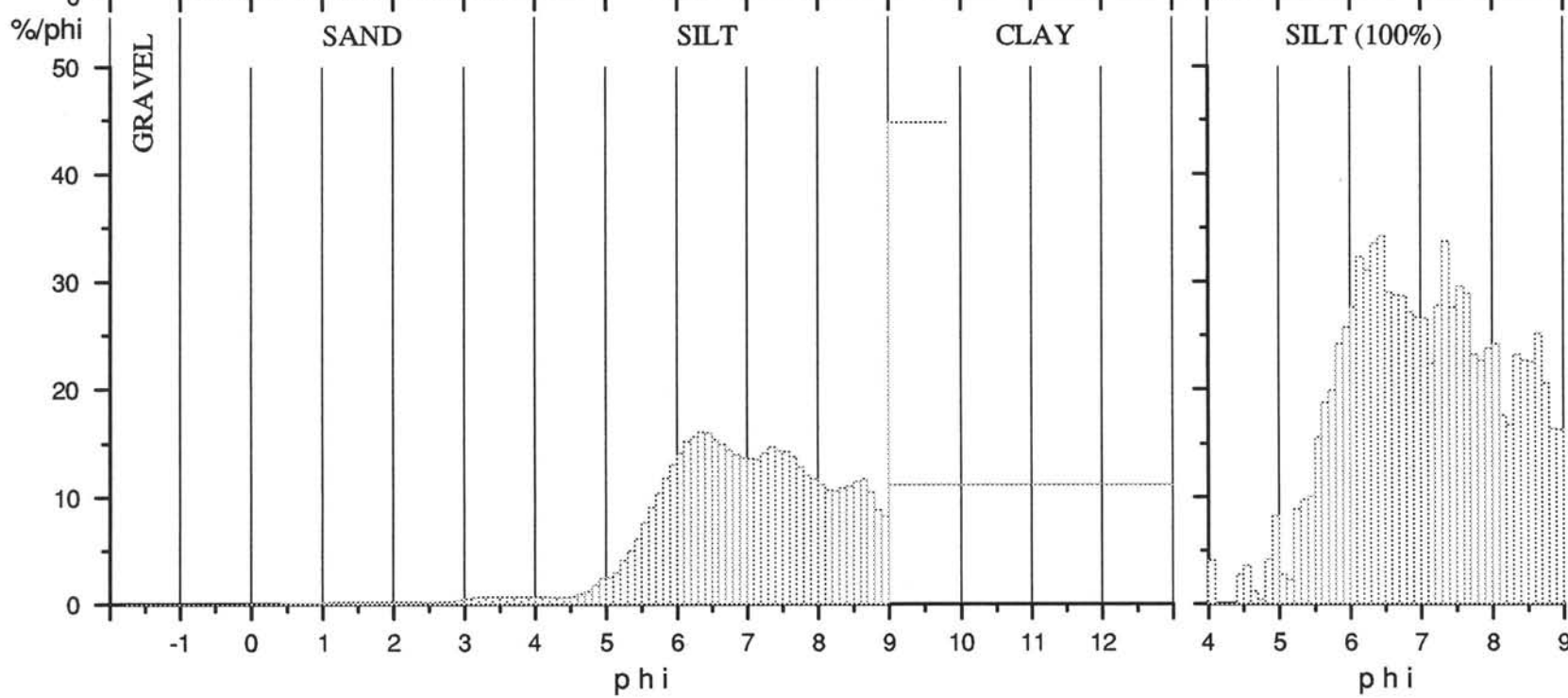
Grobe, 1988

Core 1390-3 Sample 2.30 m

Grain Size Analysis AWI



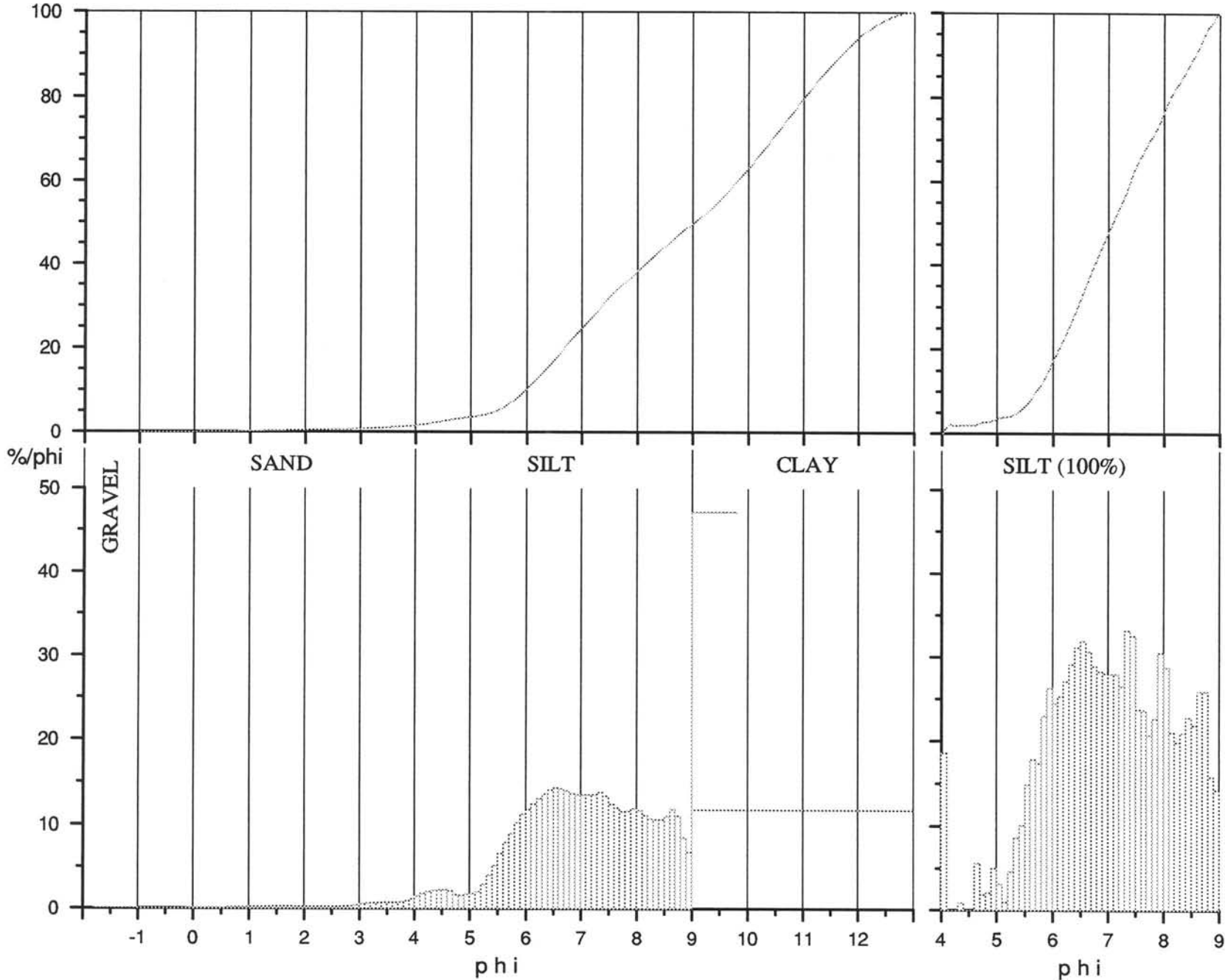
GRAV	0.0
SAND	1.4
SILT	50.6
CLAY	48.0
MEAN	8.8
MEDI	8.8
SKEW	-0.0
KURT	0.7
SORT	2.2



PC 5	5.5
PC 16	6.3
PC 25	6.9
PC 50	8.8
PC 75	10.6
PC 84	11.2
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 2.40 m Grain Size Analysis AWI



GRAV	0.1
SAND	1.6
SILT	47.9
CLAY	50.5
MEAN	8.9
MEDI	9.0
SKEW	-0.1
KURT	0.7
SORT	2.2
PC 5	5.4
PC 16	6.4
PC 25	7.0
PC 50	9.0
PC 75	10.7
PC 84	11.3
PC 95	12.1

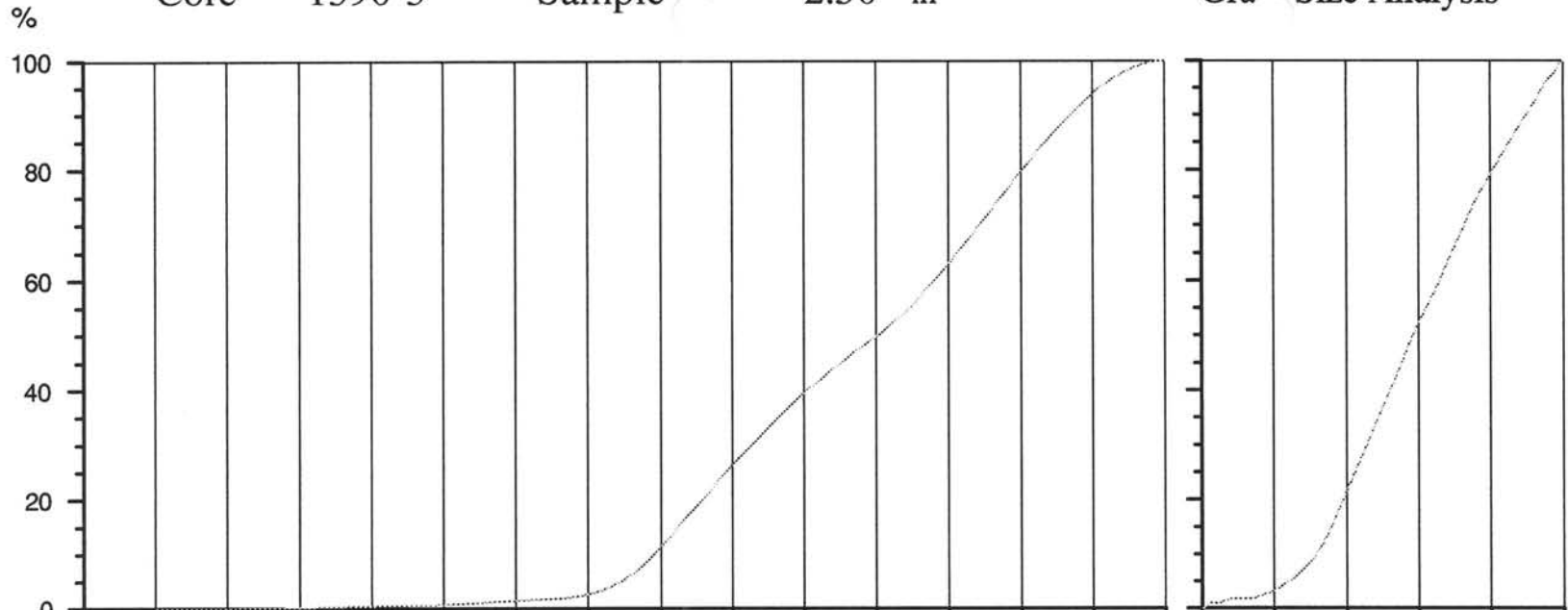
Grobe, 1988

Core 1390-3

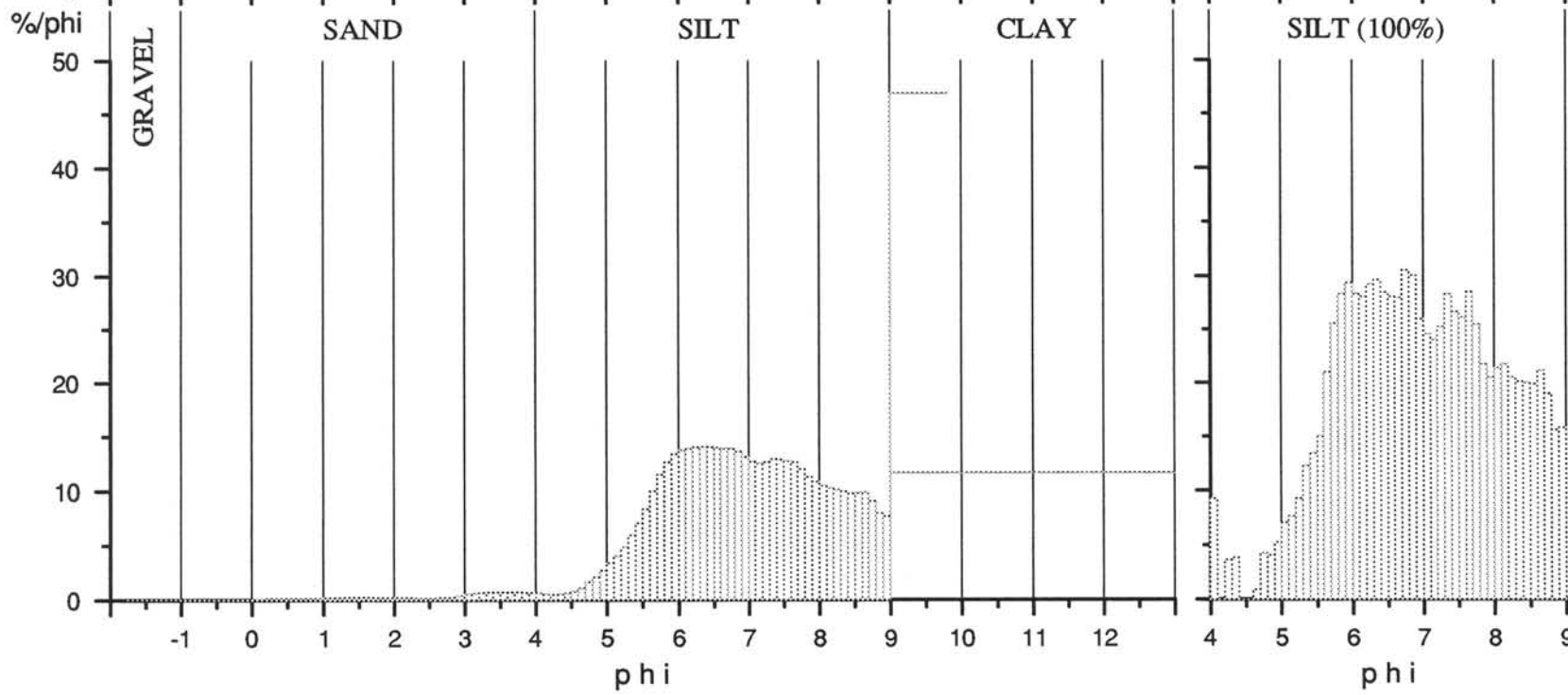
Sample 2.50 m

Grain Size Analysis

AWI



GRAV	0.1
SAND	1.6
SILT	48.2
CLAY	50.3
MEAN	8.9
MEDI	9.0
SKEW	-0.1
KURT	0.7
SORT	2.2



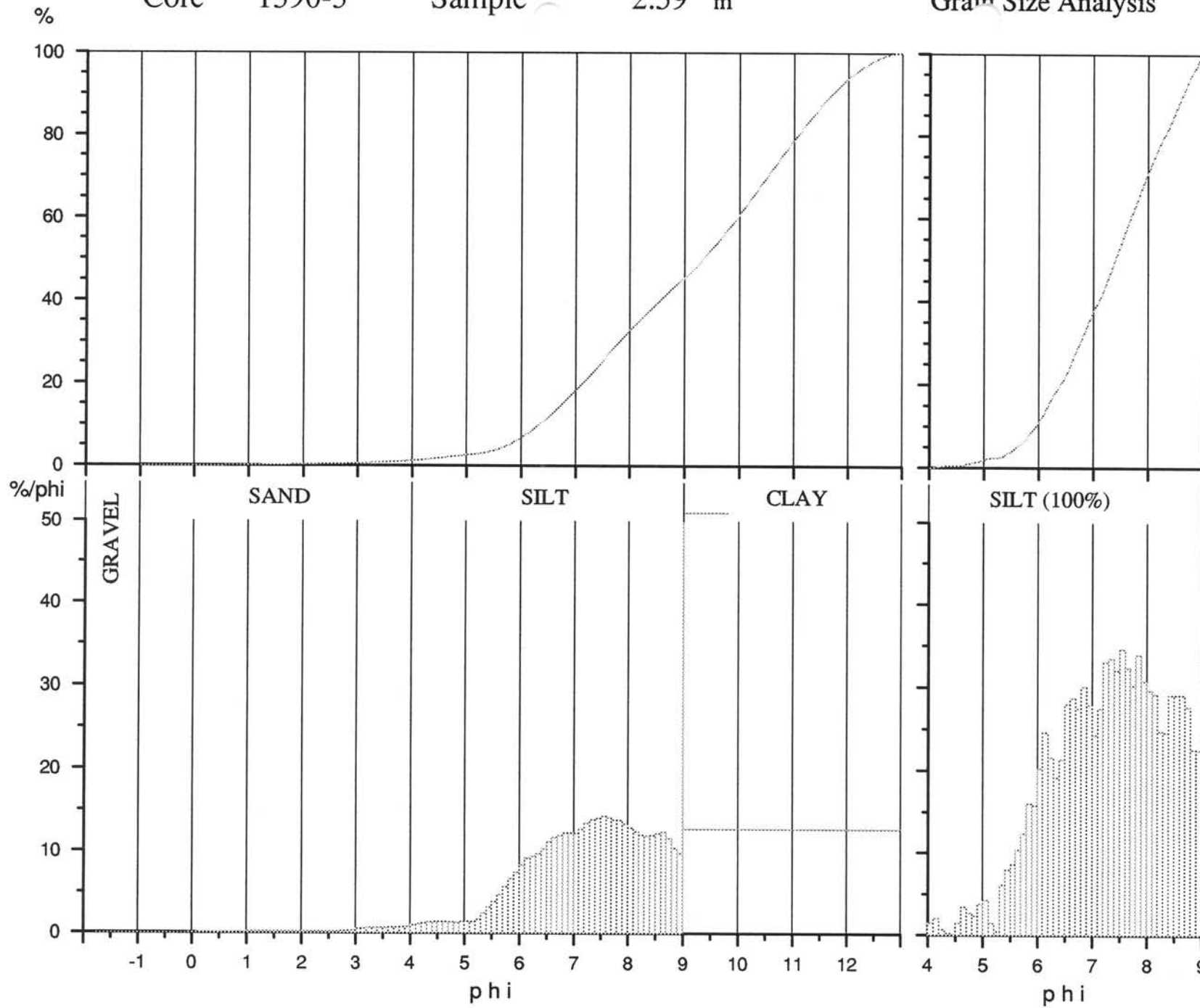
PC 5	5.4
PC 16	6.3
PC 25	6.9
PC 50	9.0
PC 75	10.7
PC 84	11.3
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 2.59 m

Grain Size Analysis

AWI



Grobe, 1988

Core 1390-3

Sample 2.68 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 0.9

SILT 47.2

CLAY 51.9

MEAN 8.9

MEDI 9.1

SKEW -0.1

KURT 0.7

SORT 2.2

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 5.5

PC 16 6.4

PC 25 7.1

PC 50 9.1

PC 75 10.8

PC 84 11.3

PC 95 12.1

-1

0

1

2

3

4

5

6

7

8

9

phi

4

5

6

7

8

9

phi

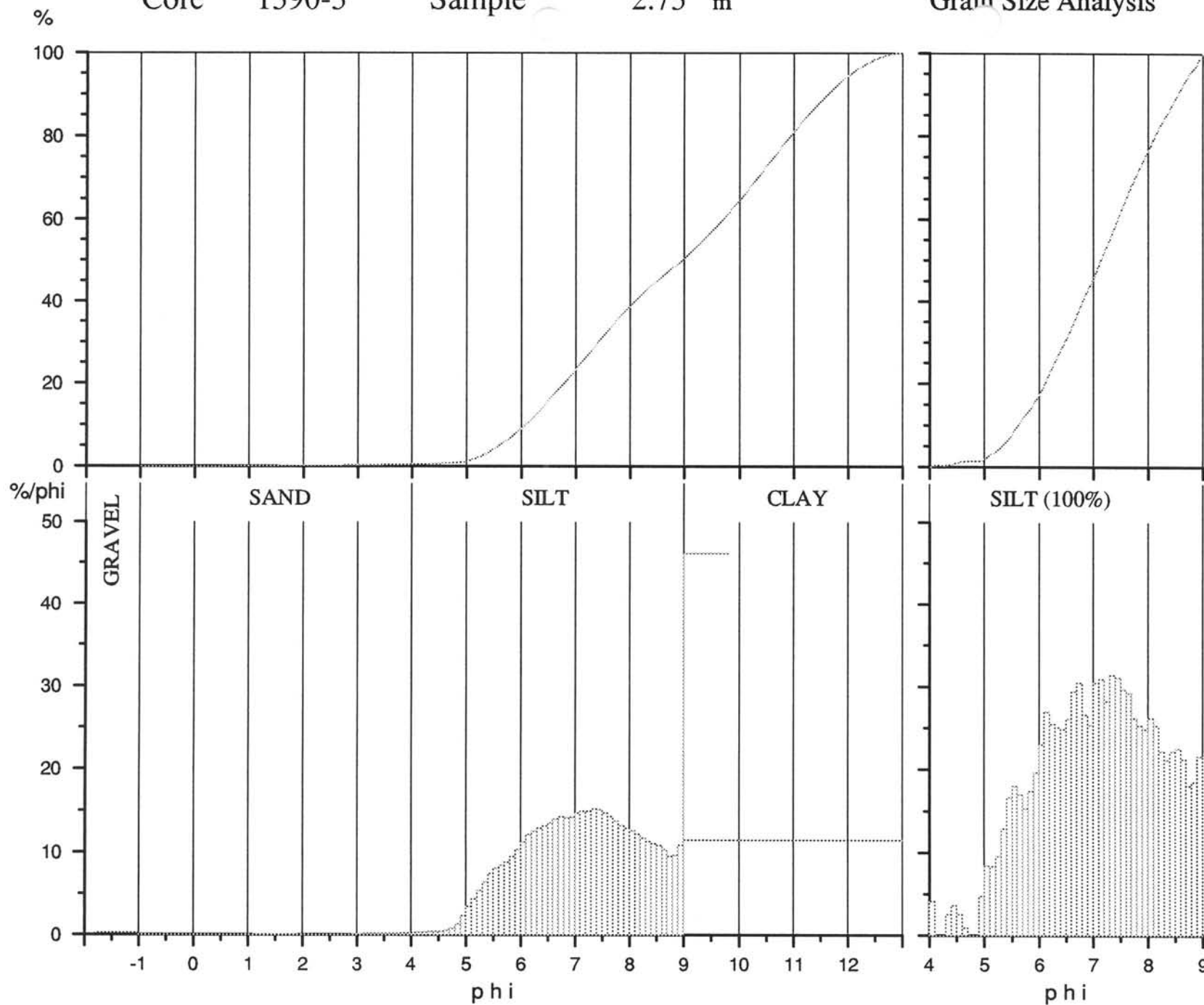
Grobe, 1988

Core 1390-3

Sample 2.73 m

Grain Size Analysis

AWI



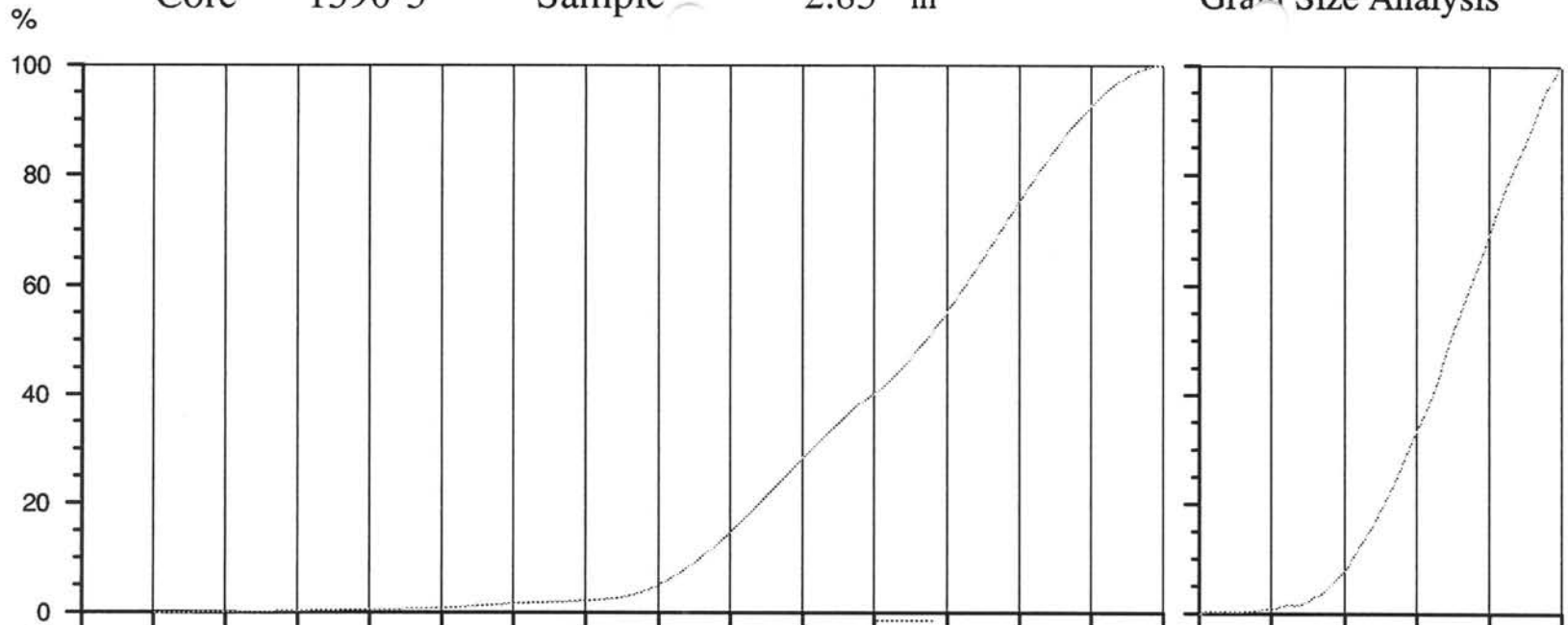
Grobe, 1988

Core 1390-3

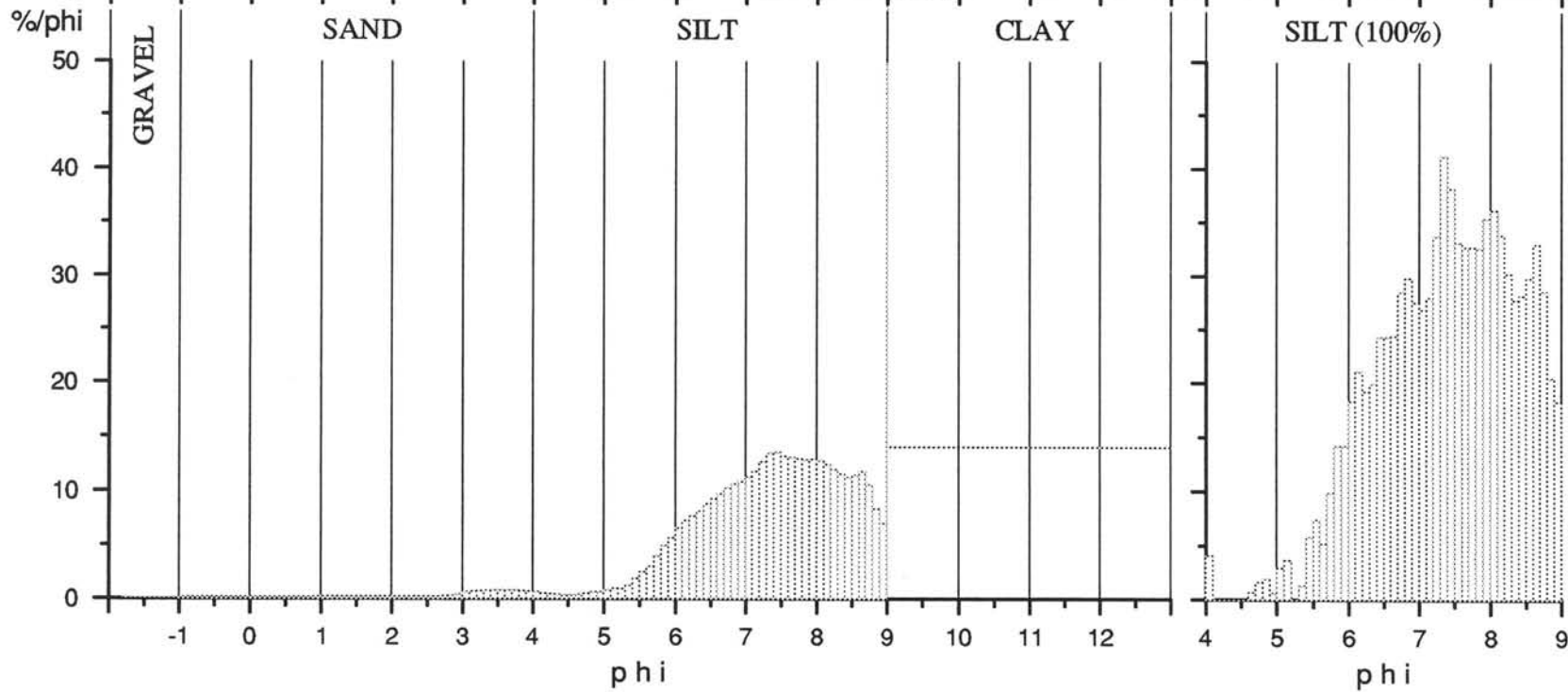
Sample 2.83 m

Grain Size Analysis

AWI



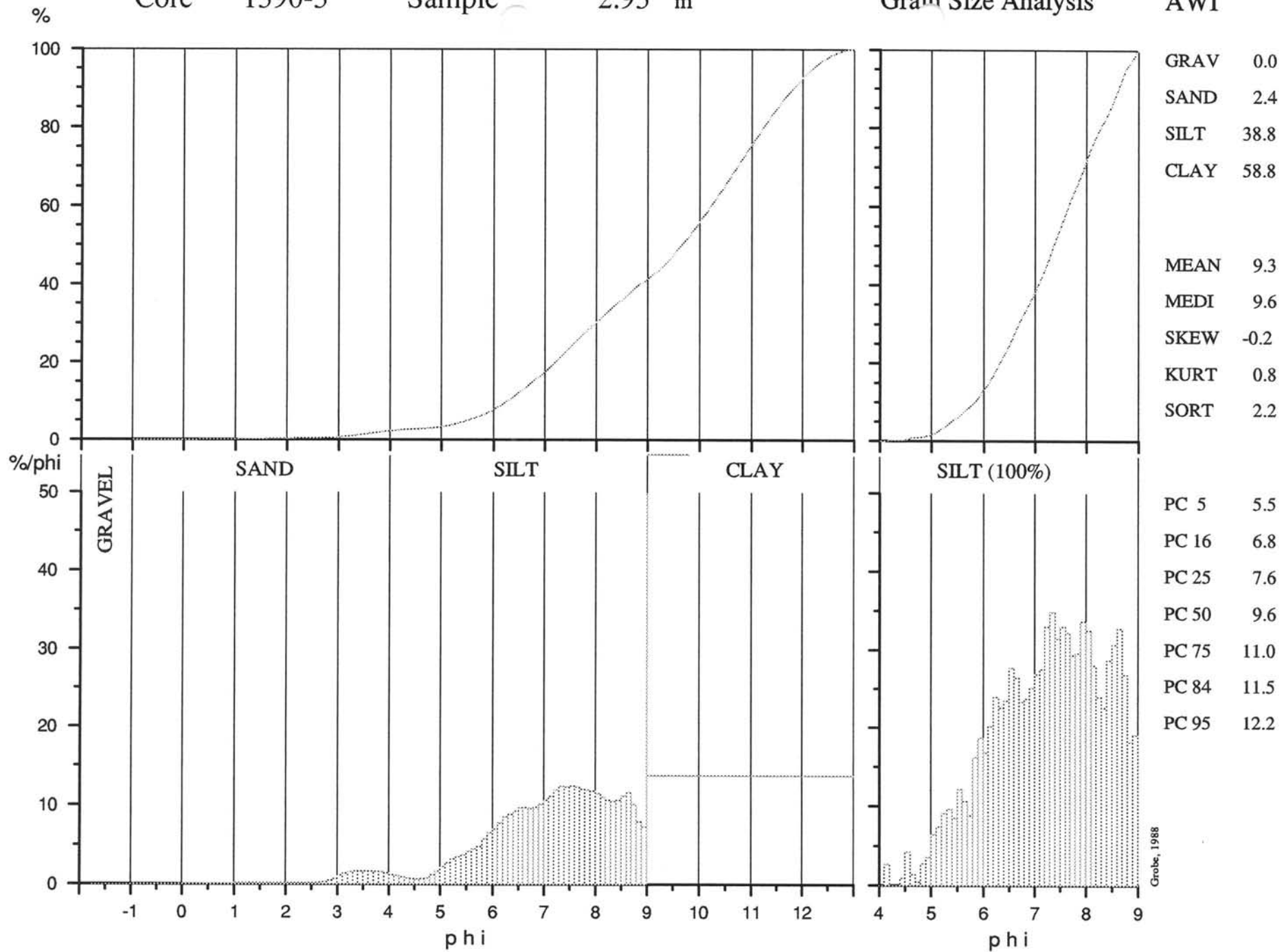
GRAV	0.1
SAND	1.8
SILT	38.2
CLAY	60.0
MEAN	9.4
MEDI	9.7
SKEW	-0.2
KURT	0.8
SORT	2.0



PC 5	6.0
PC 16	7.1
PC 25	7.7
PC 50	9.7
PC 75	11.0
PC 84	11.5
PC 95	12.2

Grobe, 1988

Core 1390-3 Sample 2.93 m Grain Size Analysis AWI



Grobe, 1988

Core 1390-3

Sample 2.97 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

4

5

6

7

8

9

phi

Grobe, 1988

GRAV 0.3
SAND 21.5
SILT 36.4
CLAY 42.0

MEAN 7.6
MEDI 7.9
SKEW -0.1
KURT 0.7
SORT 3.2

PC 5 2.8
PC 16 3.7
PC 25 4.8
PC 50 7.9
PC 75 10.5
PC 84 11.1
PC 95 12.0

GRAVEL

SAND

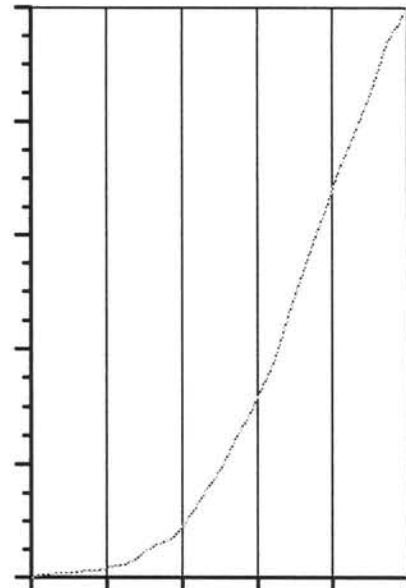
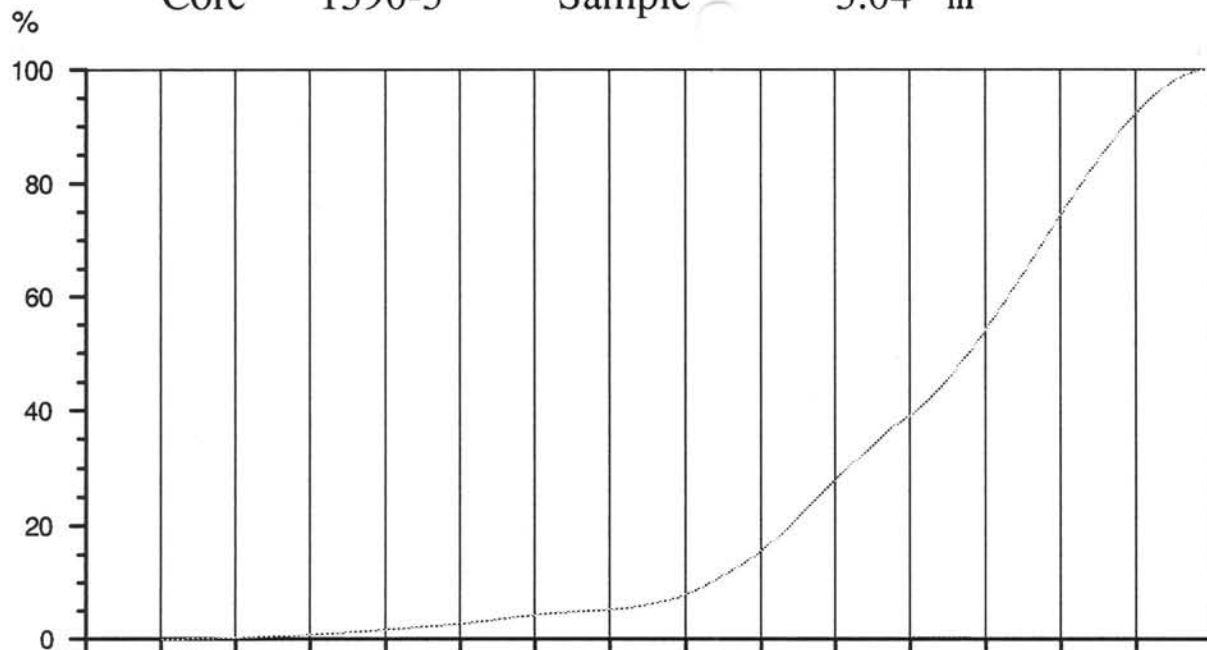
SILT

CLAY

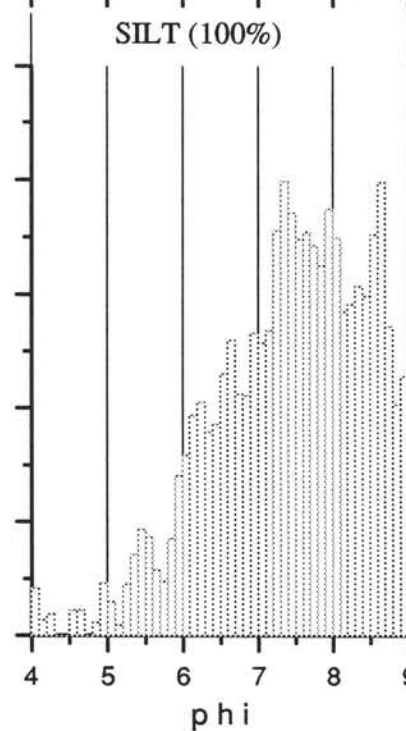
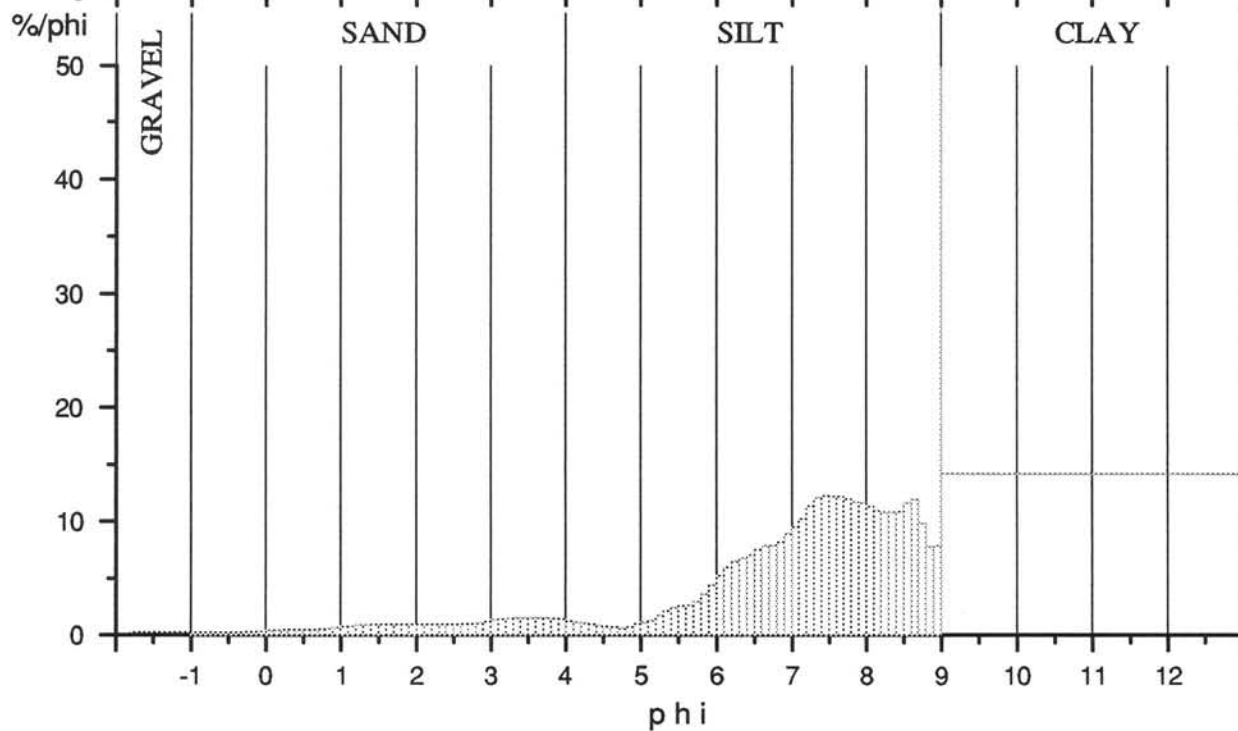
SILT (100%)

Core 1390-3 Sample 3.04 m

Grain Size Analysis AWI



GRAV	0.3
SAND	4.4
SILT	34.7
CLAY	60.9
MEAN	9.4
MEDI	9.8
SKEW	-0.3
KURT	1.0
SORT	2.3



PC 5	4.6
PC 16	7.0
PC 25	7.8
PC 50	9.8
PC 75	11.0
PC 84	11.5
PC 95	12.2

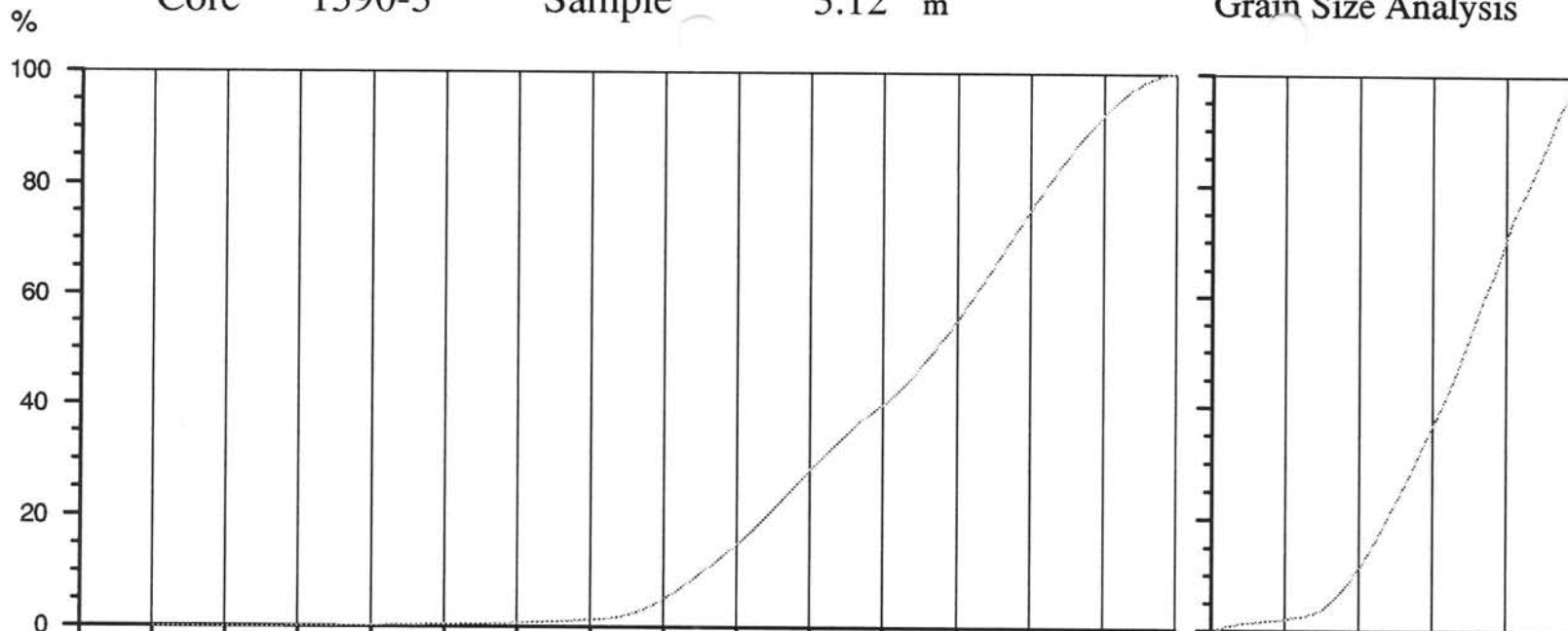
Grobe, 1988

Core 1390-3

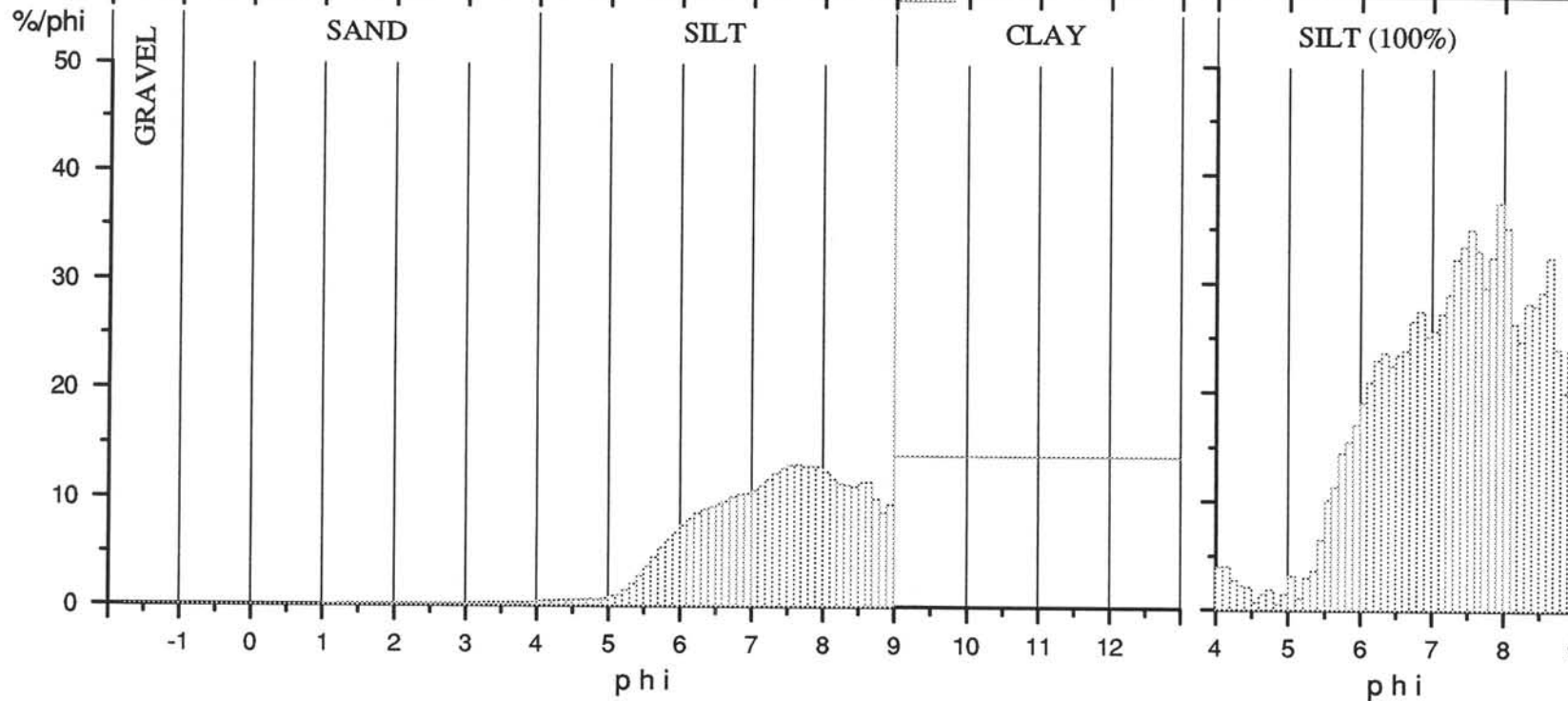
Sample 3.12 m

Grain Size Analysis

AWI



GRAV	0.1
SAND	0.8
SILT	39.3
CLAY	59.9
MEAN	9.4
MEDI	9.7
SKEW	-0.2
KURT	0.8
SORT	2.0



PC 5	6.0
PC 16	7.1
PC 25	7.7
PC 50	9.7
PC 75	11.0
PC 84	11.5
PC 95	12.2

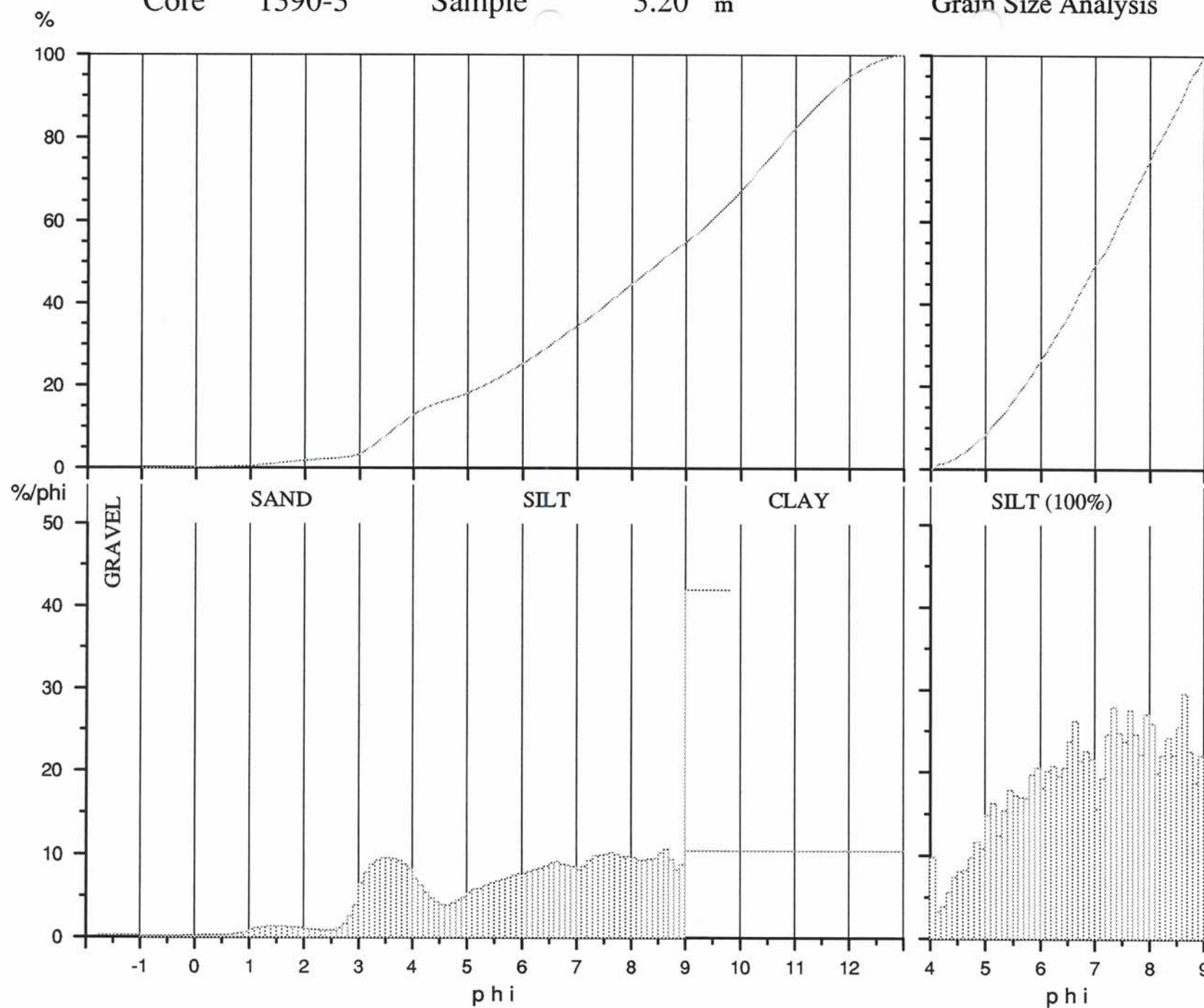
Grobe, 1988

Core 1390-3

Sample 3.20 m

Grain Size Analysis

AWI



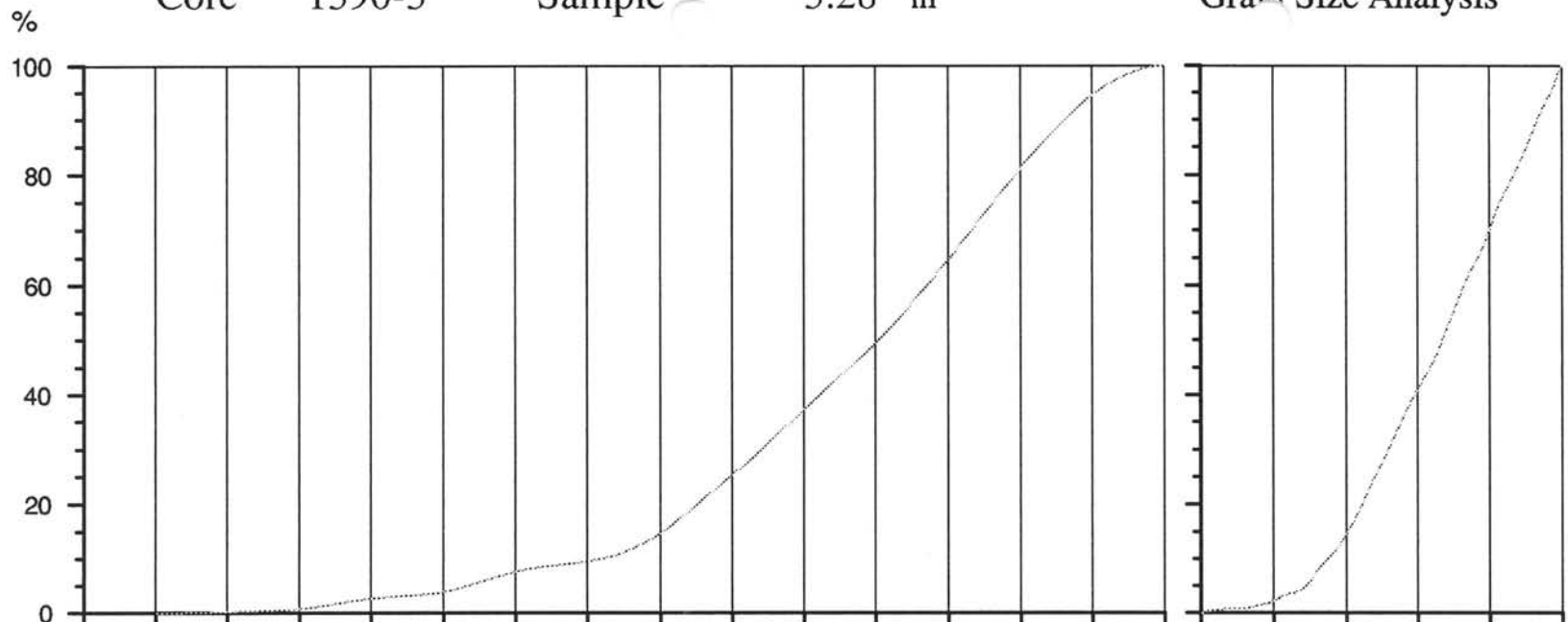
Grobe, 1988

Core 1390-3

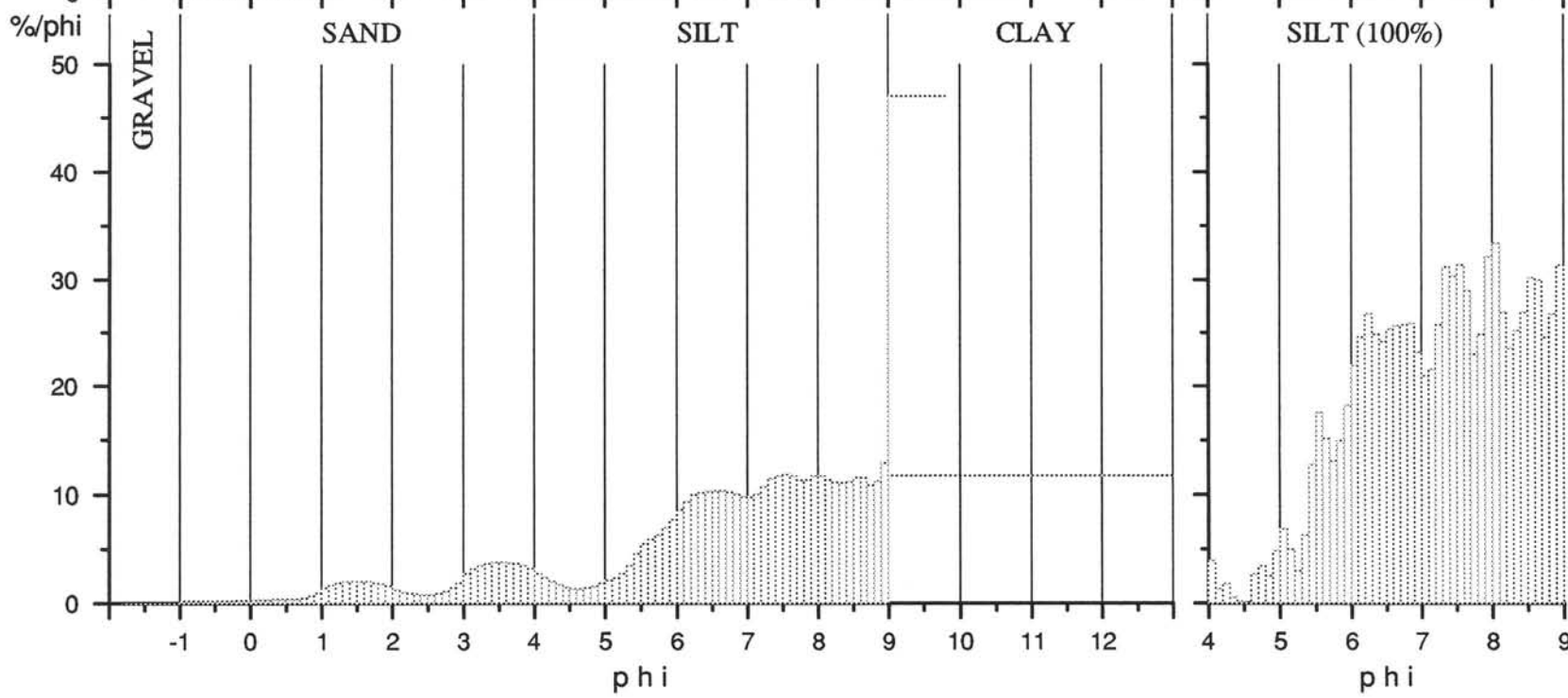
Sample 3.28 m

Grain Size Analysis

AWI



GRAV	0.0
SAND	7.9
SILT	41.7
CLAY	50.4
MEAN	8.8
MEDI	9.0
SKEW	-0.2
KURT	1.0
SORT	2.6



PC 5	3.3
PC 16	6.1
PC 25	7.0
PC 50	9.0
PC 75	10.6
PC 84	11.2
PC 95	12.0

Grobe, 1988

Core 1390-3

Sample 3.36 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 6.9

SILT 42.6

CLAY 50.5

MEAN 8.8

MEDI 9.0

SKEW -0.2

KURT 0.9

SORT 2.6

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.6

PC 16 6.2

PC 25 7.0

PC 50 9.0

PC 75 10.7

PC 84 11.3

PC 95 12.1

phi

phi

Grobe, 1988

Core 1390-3

Sample 3.45 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.9

SAND 1.9

SILT 36.2

CLAY 61.9

MEAN 9.5

MEDI 9.8

SKEW -0.2

KURT 0.8

SORT 2.0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 6.0

PC 16 7.1

PC 25 7.9

PC 50 9.8

PC 75 11.0

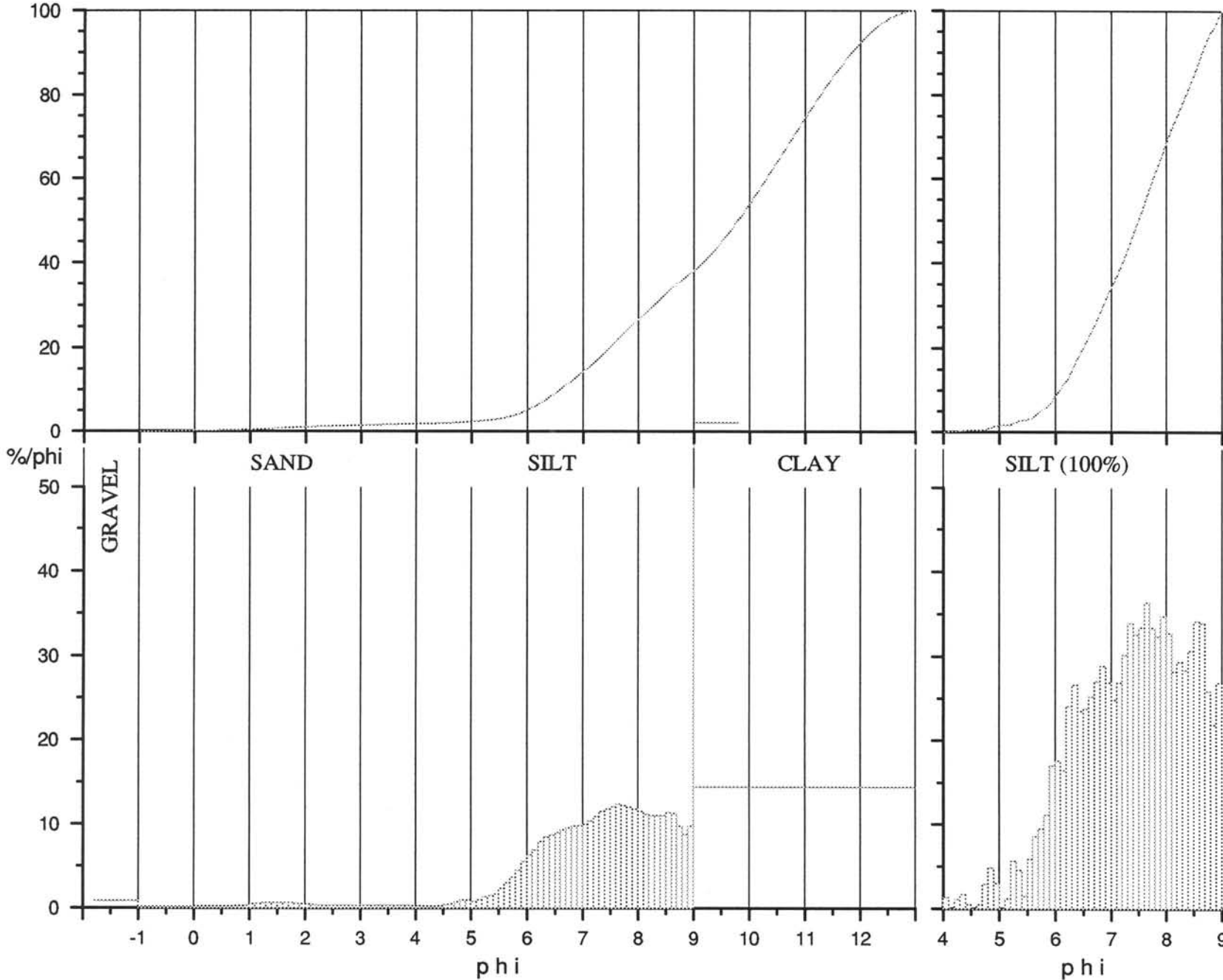
PC 84 11.5

PC 95 12.2

phi

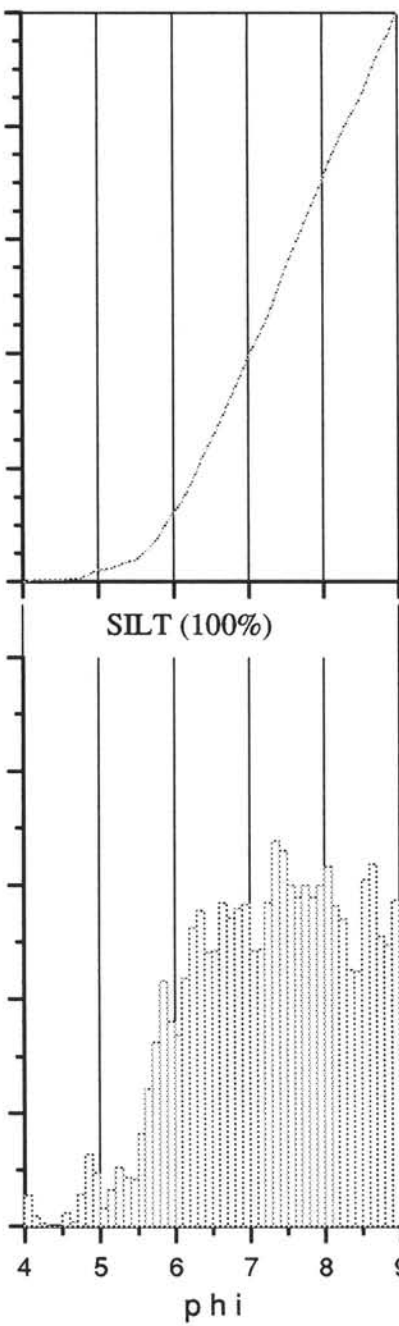
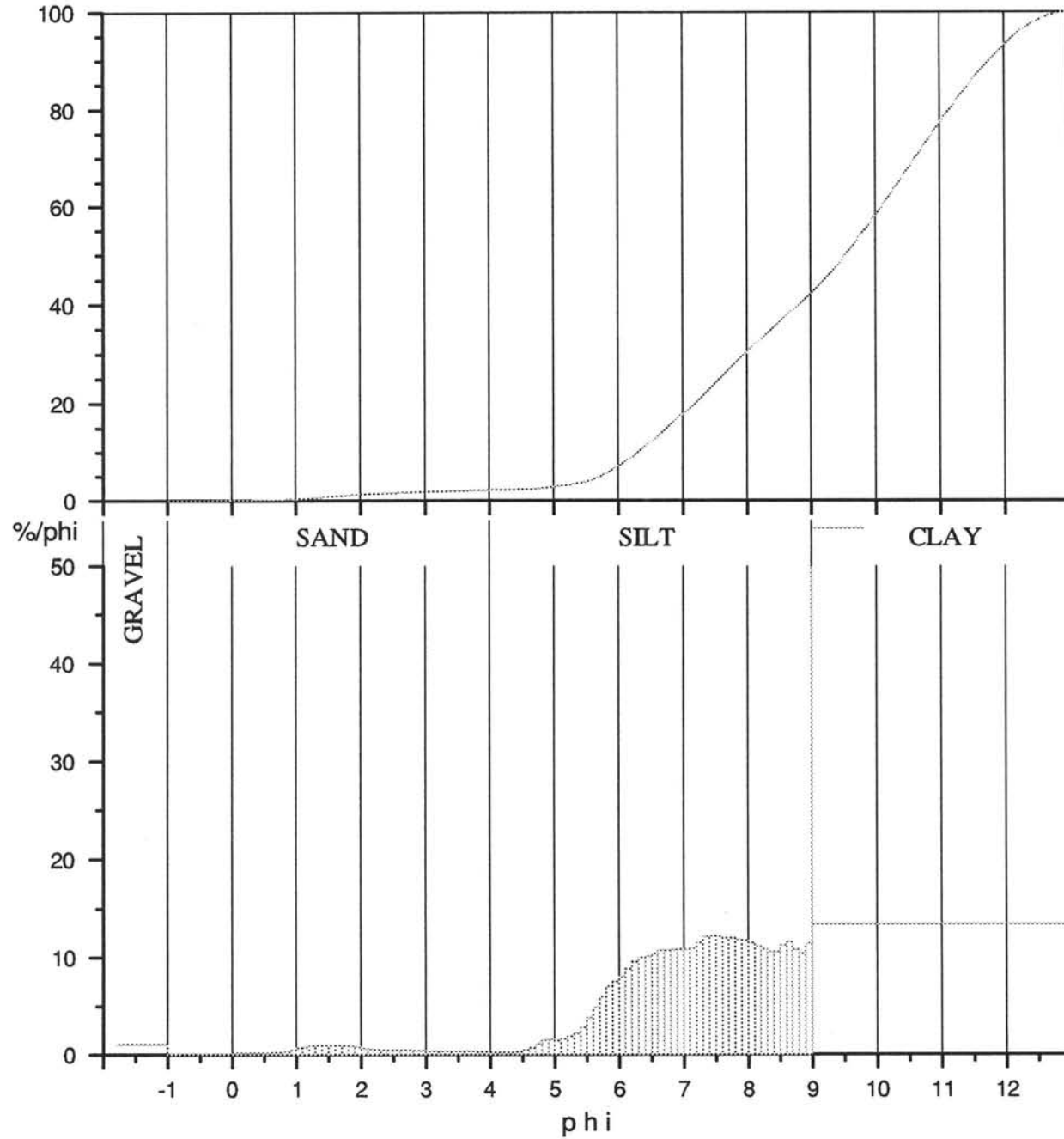
phi

Grobe, 1988



Core 1390-3 Sample 3.55 m

Grain Size Analysis AWI



GRAV	1.2
SAND	2.3
SILT	40.0
CLAY	57.7
MEAN	9.2
MEDI	9.5
SKEW	-0.2
KURT	0.8
SORT	2.1
PC 5	5.7
PC 16	6.8
PC 25	7.6
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.1

Grobe, 1988

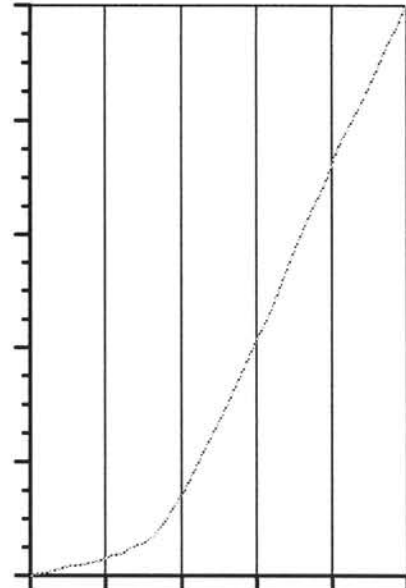
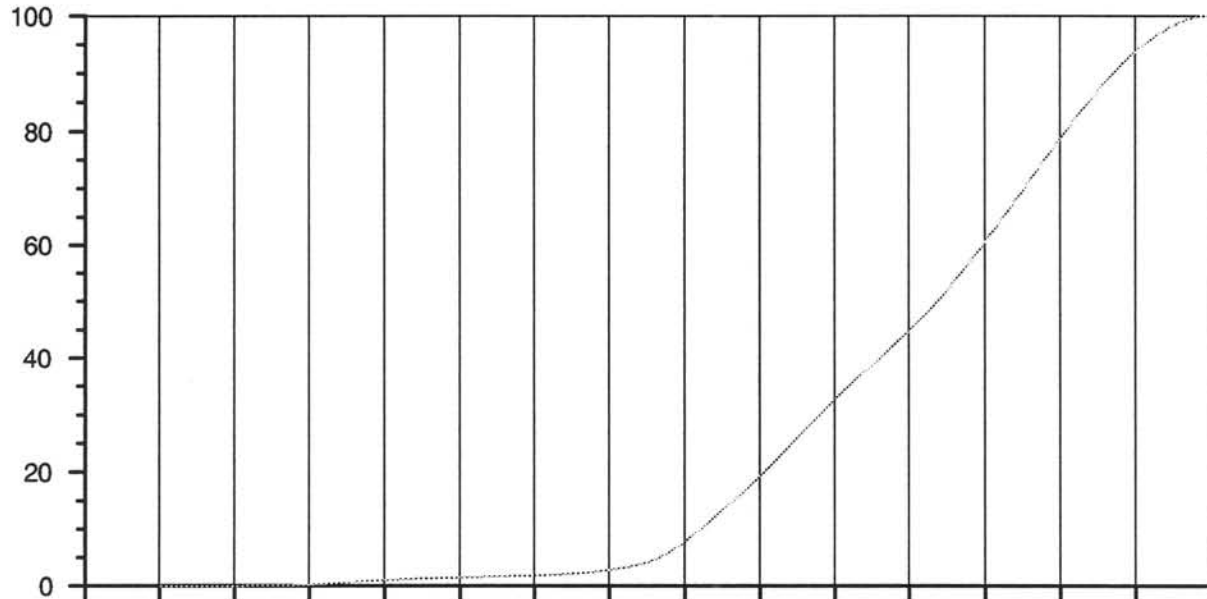
Core 1390-3

Sample 3.65 m

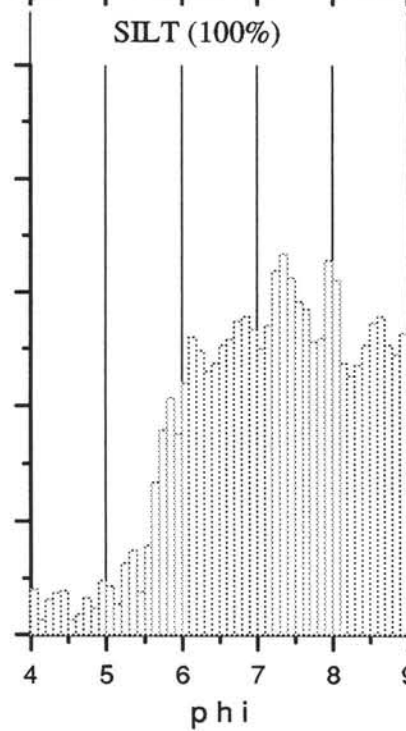
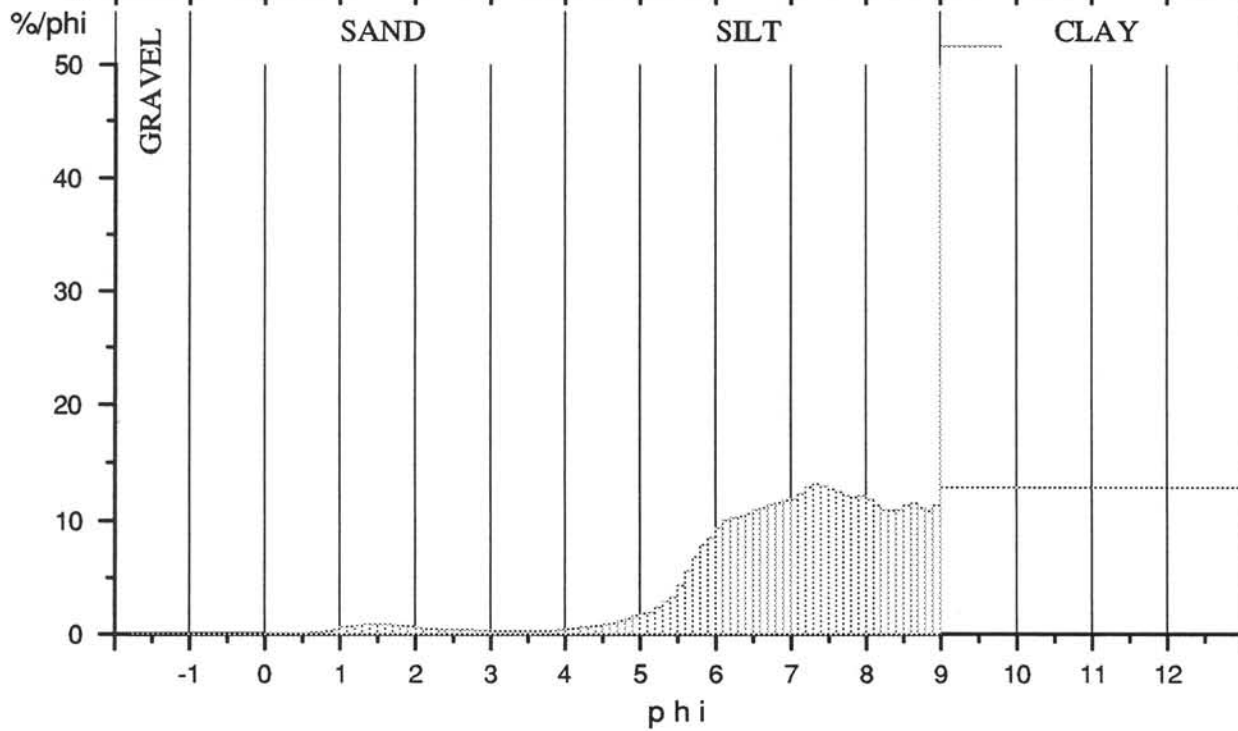
Grain Size Analysis

AWI

%



GRAV	0.1
SAND	1.9
SILT	42.8
CLAY	55.3
MEAN	9.1
MEDI	9.4
SKEW	-0.2
KURT	0.8
SORT	2.1



SILT (100%)	
PC 5	5.6
PC 16	6.7
PC 25	7.4
PC 50	9.4
PC 75	10.8
PC 84	11.3
PC 95	12.1

Grobe, 1988

Core 1390-3

Sample 3.75 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

-1

0

1

2

3

4

5

6

7

8

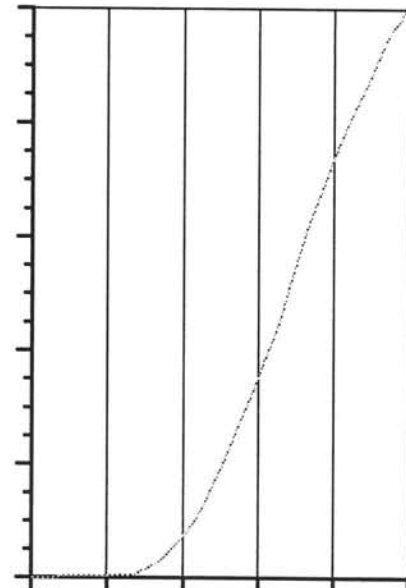
9

10

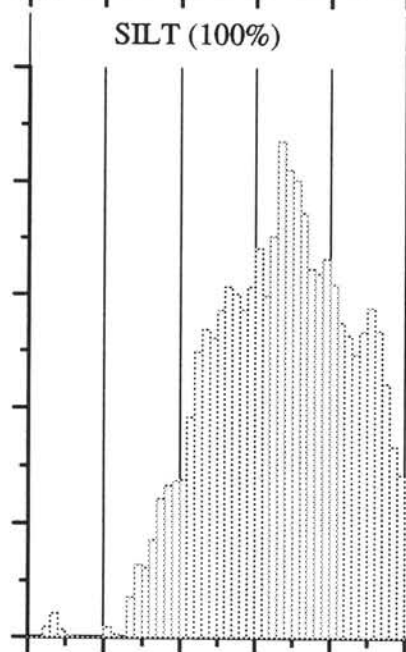
11

12

phi



GRAV	0.1
SAND	0.3
SILT	39.5
CLAY	60.2
MEAN	9.5
MEDI	9.8
SKEW	-0.2
KURT	0.7
SORT	2.0



PC 5	6.2
PC 16	7.1
PC 25	7.7
PC 50	9.8
PC 75	11.0
PC 84	11.5
PC 95	12.2

Grobe, 1988

Core 1390-3

Sample 3.84 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

phi

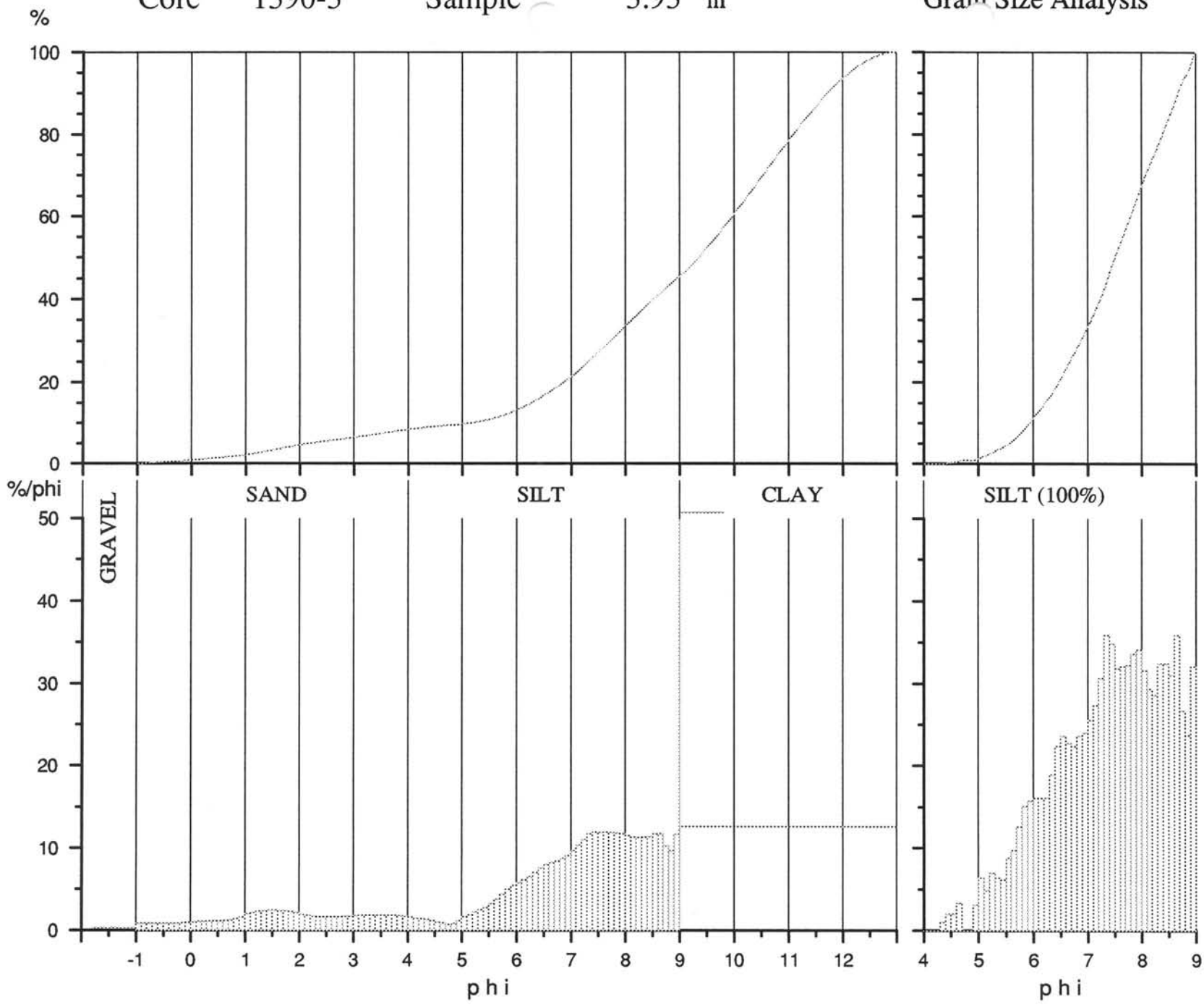
phi

Grobe, 1988

GRAV	1.4
SAND	6.7
SILT	39.8
CLAY	53.5
MEAN	9.0
MEDI	9.3
SKEW	-0.3
KURT	1.1
SORT	2.7
PC 5	2.6
PC 16	6.4
PC 25	7.2
PC 50	9.3
PC 75	10.9
PC 84	11.4
PC 95	12.2

Core 1390-3 Sample 3.93 m

Grain Size Analysis AWI



Grobe, 1988

Core 1390-3

Sample 4.00 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 1.8

SAND 3.5

SILT 36.2

CLAY 60.4

MEAN 9.4

MEDI 9.7

SKEW -0.2

KURT 0.8

SORT 2.1

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 5.6

PC 16 7.1

PC 25 7.8

PC 50 9.7

PC 75 11.0

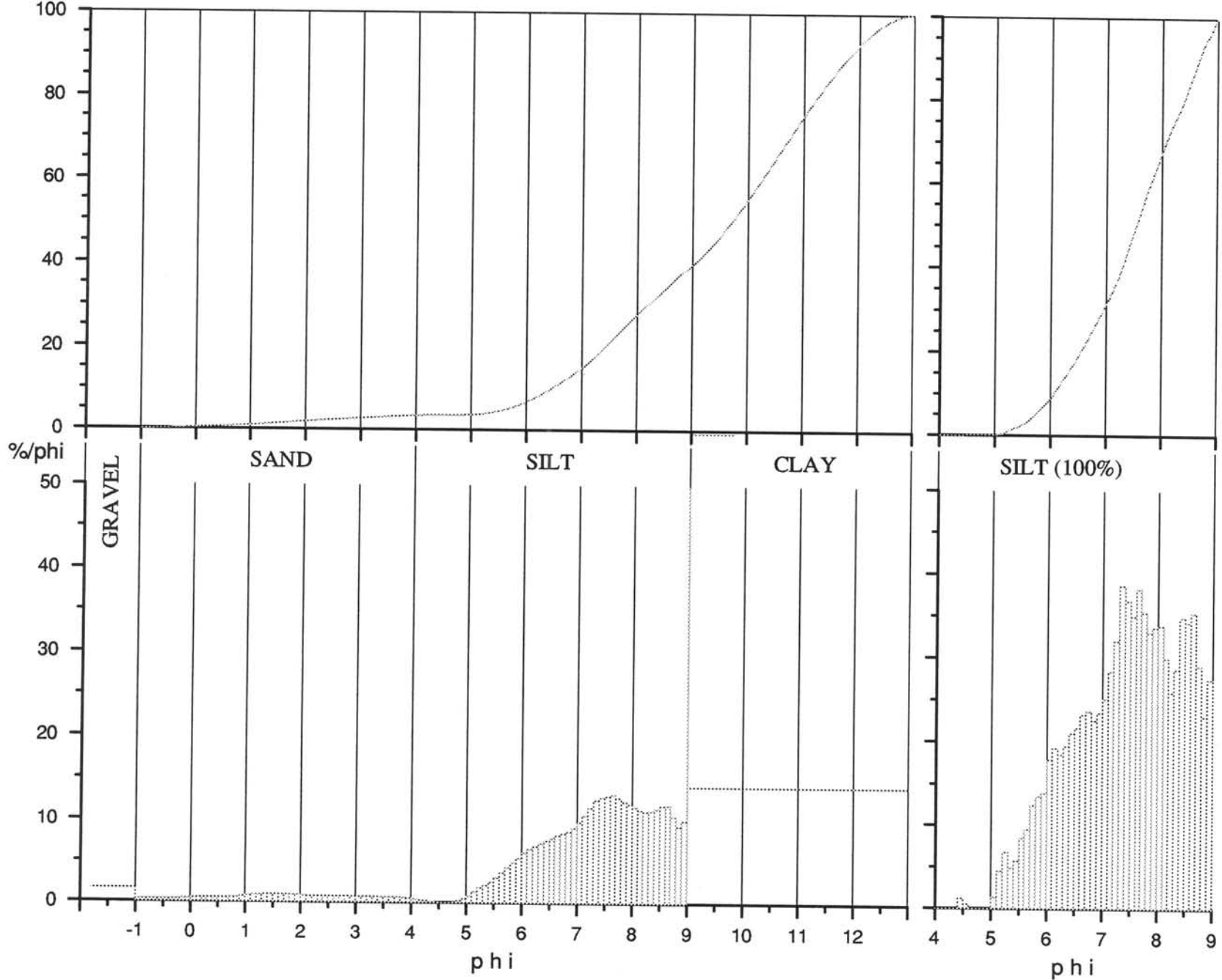
PC 84 11.5

PC 95 12.2

phi

phi

Grobe, 1988



Core 1390-3

Sample 4.06 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.3

SAND 4.6

SILT 35.1

CLAY 60.3

MEAN 9.4

MEDI 9.7

SKEW -0.3

KURT 1.0

SORT 2.3

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 4.4

PC 16 6.9

PC 25 7.7

PC 50 9.7

PC 75 11.0

PC 84 11.5

PC 95 12.2

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

4

5

6

7

8

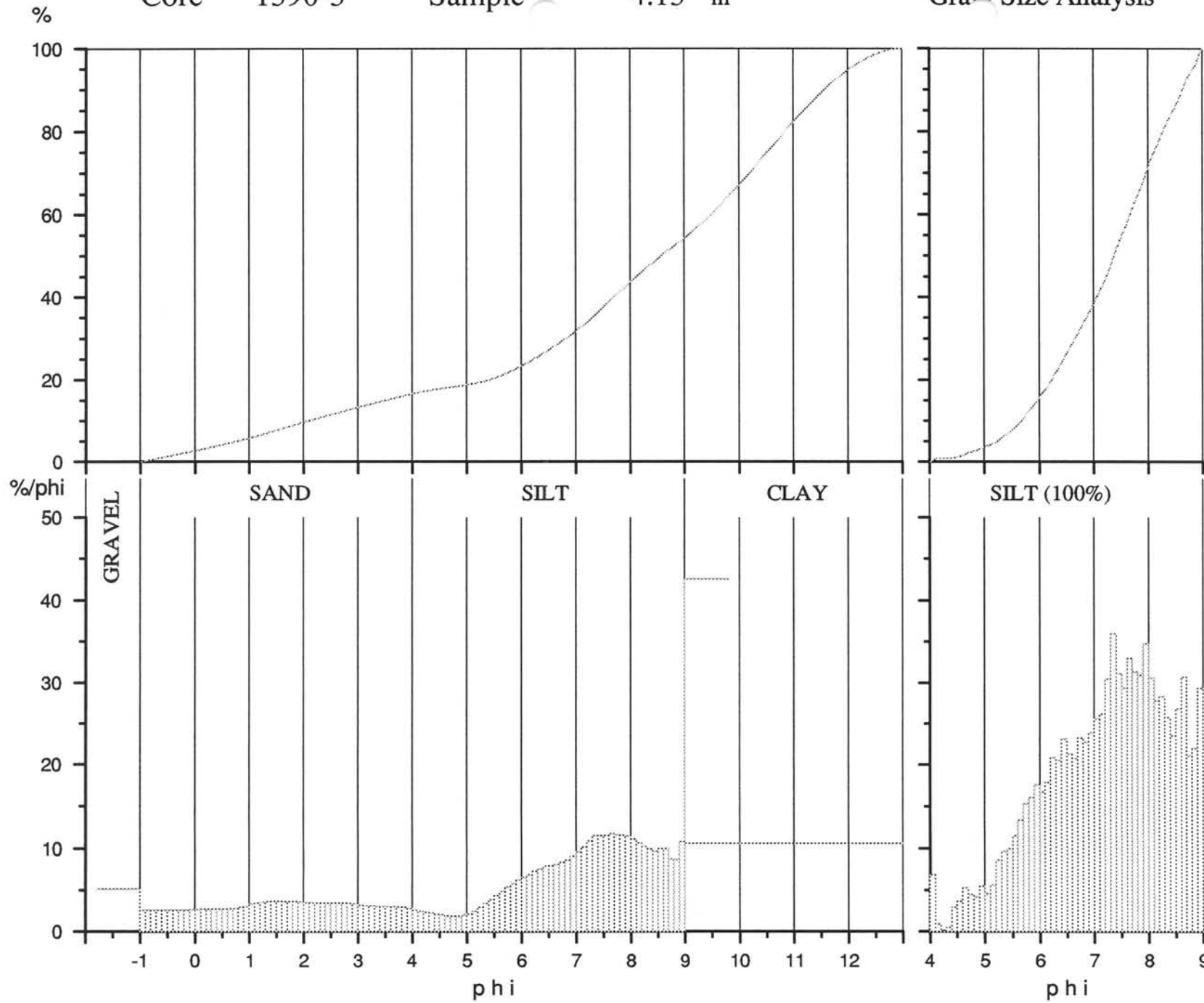
9

phi

Grobe, 1988

Core 1390-3 Sample 4.13 m

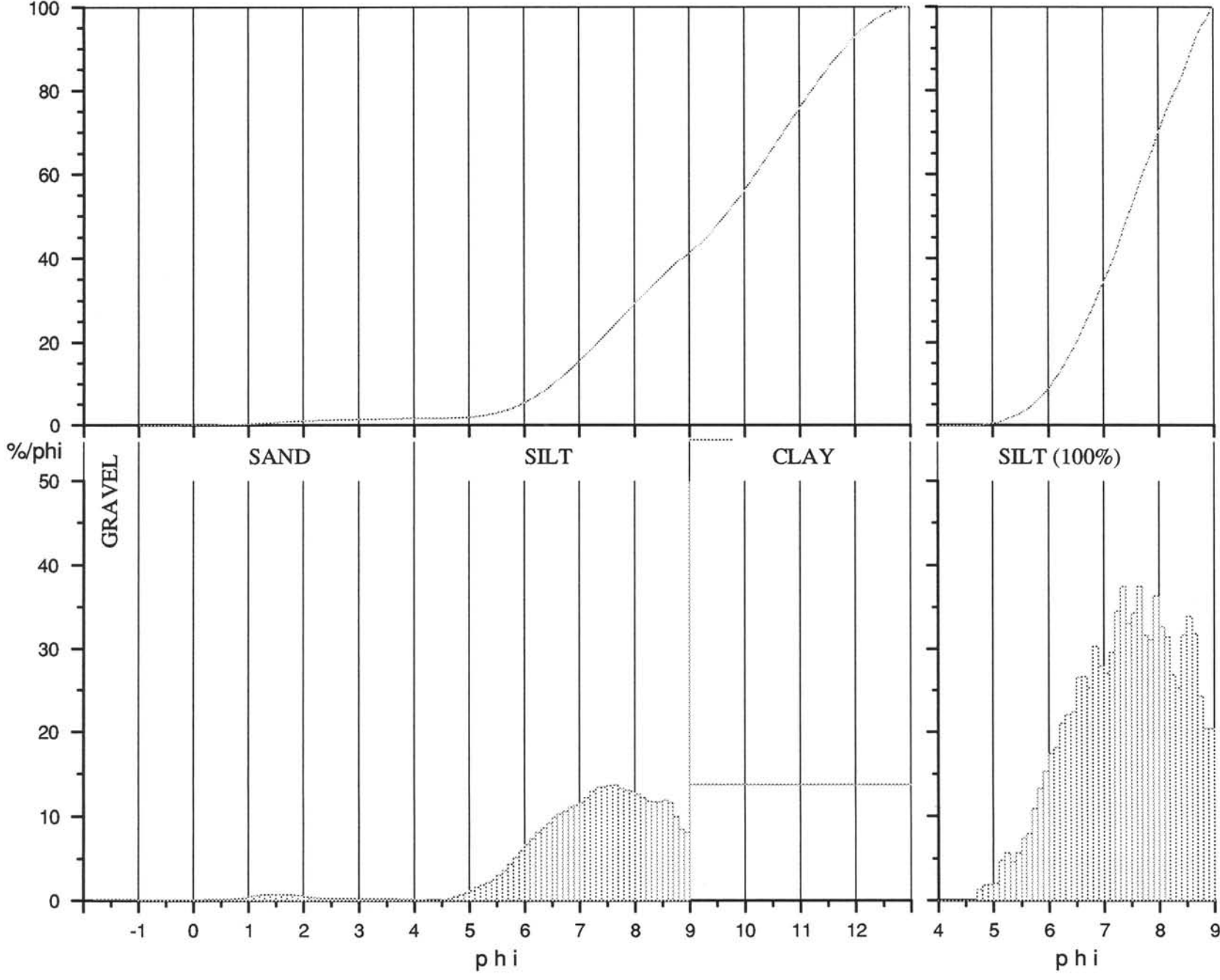
Grain Size Analysis AWI



GRAV	5.5
SAND	16.9
SILT	37.5
CLAY	45.6
MEAN	7.8
MEDI	8.6
SKEW	-0.3
KURT	1.1
SORT	3.5
PC 5	0.8
PC 16	3.8
PC 25	6.2
PC 50	8.6
PC 75	10.5
PC 84	11.1
PC 95	12.0

Grobe, 1988

Core 1390-3 Sample 4.20 m Grain Size Analysis AWI



GRAV	0.2
SAND	1.7
SILT	39.4
CLAY	58.9
MEAN	9.4
MEDI	9.6
SKEW	-0.2
KURT	0.8
SORT	2.0
PC 5	5.9
PC 16	7.0
PC 25	7.7
PC 50	9.6
PC 75	11.0
PC 84	11.4
PC 95	12.2

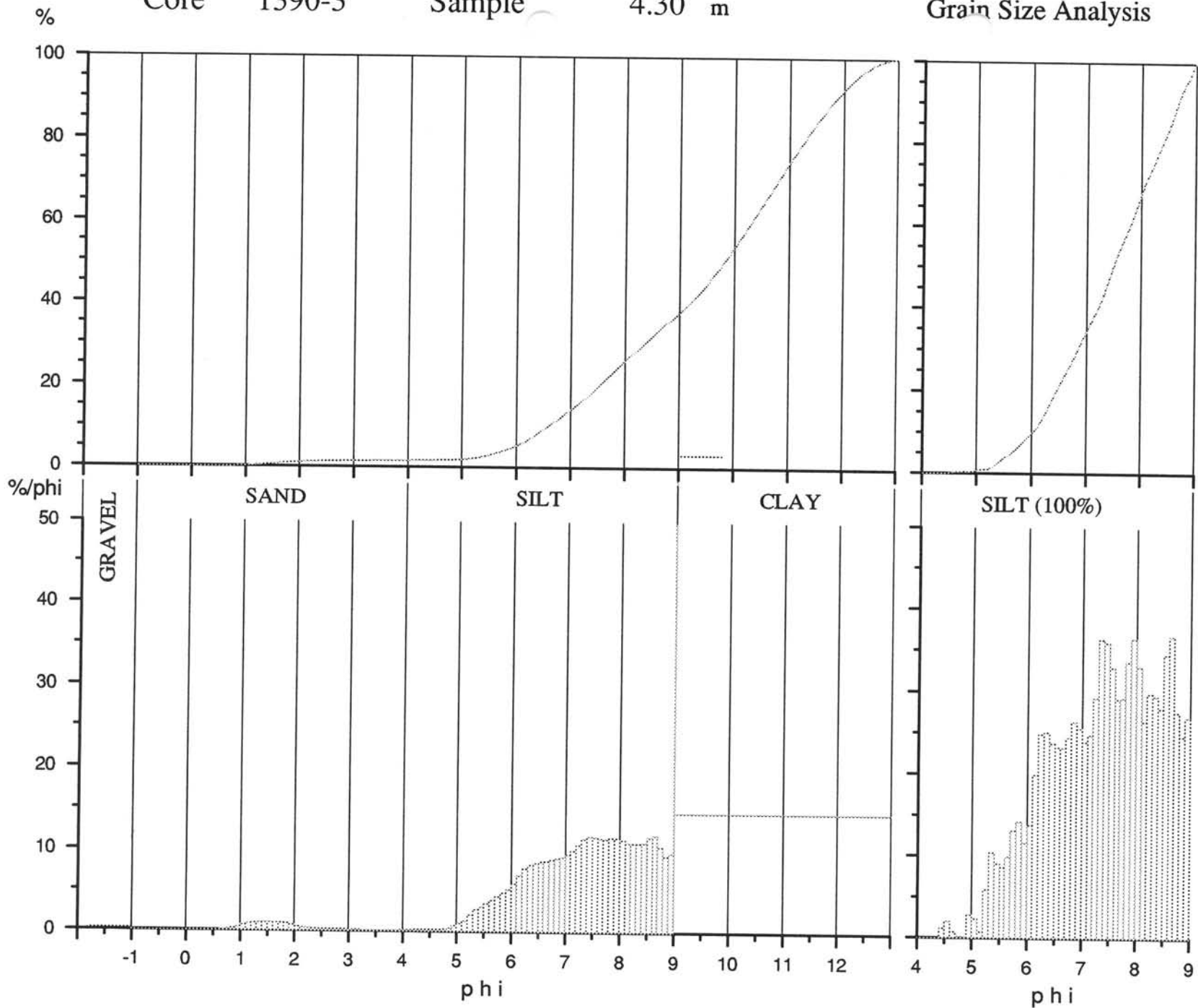
Grobe, 1988

Core 1390-3

Sample 4.30 m

Grain Size Analysis

AWI



GRAV	0.3
SAND	1.7
SILT	35.9
CLAY	62.4
MEAN	9.5
MEDI	9.8
SKEW	-0.2
KURT	0.8
SORT	2.0
PC 5	5.9
PC 16	7.2
PC 25	7.9
PC 50	9.8
PC 75	11.0
PC 84	11.5
PC 95	12.2

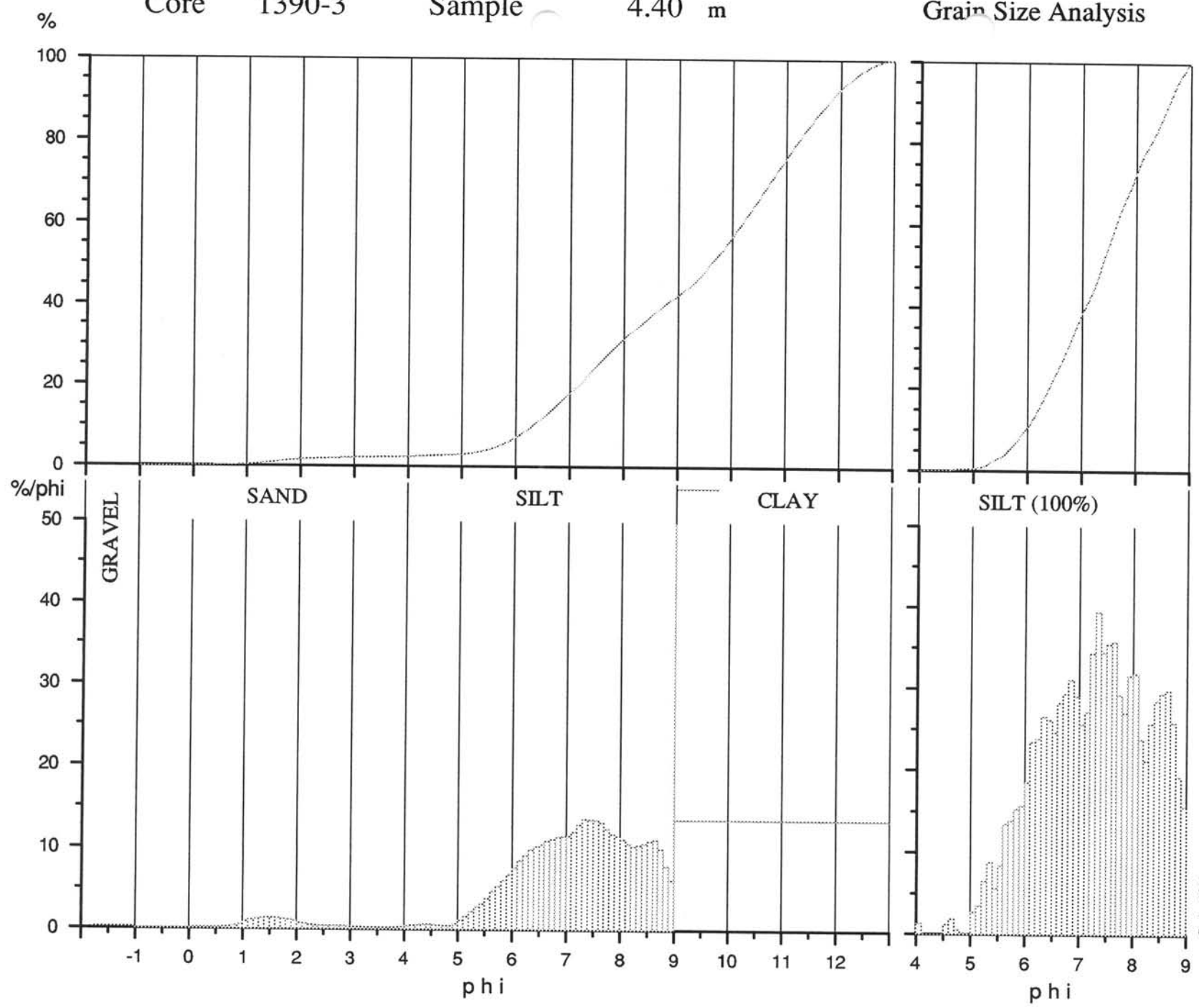
Grobe, 1988

Core 1390-3

Sample 4.40 m

Grain Size Analysis

AWI



GRAV	0.3
SAND	2.5
SILT	39.5
CLAY	57.9

MEAN	9.3
MEDI	9.6
SKEW	-0.2
KURT	0.8
SORT	2.1

PC 5	5.6
PC 16	6.8
PC 25	7.5
PC 50	9.6
PC 75	11.0
PC 84	11.4
PC 95	12.2

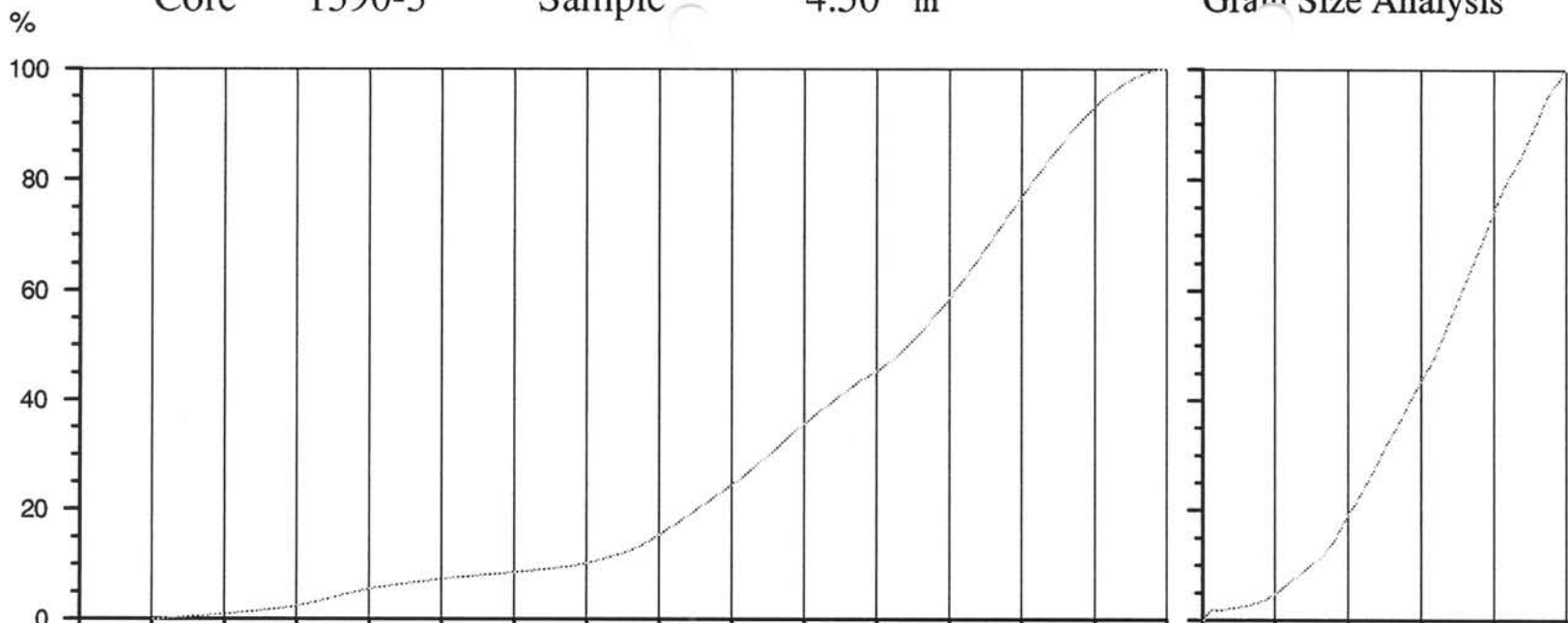
Grobe, 1988

Core 1390-3

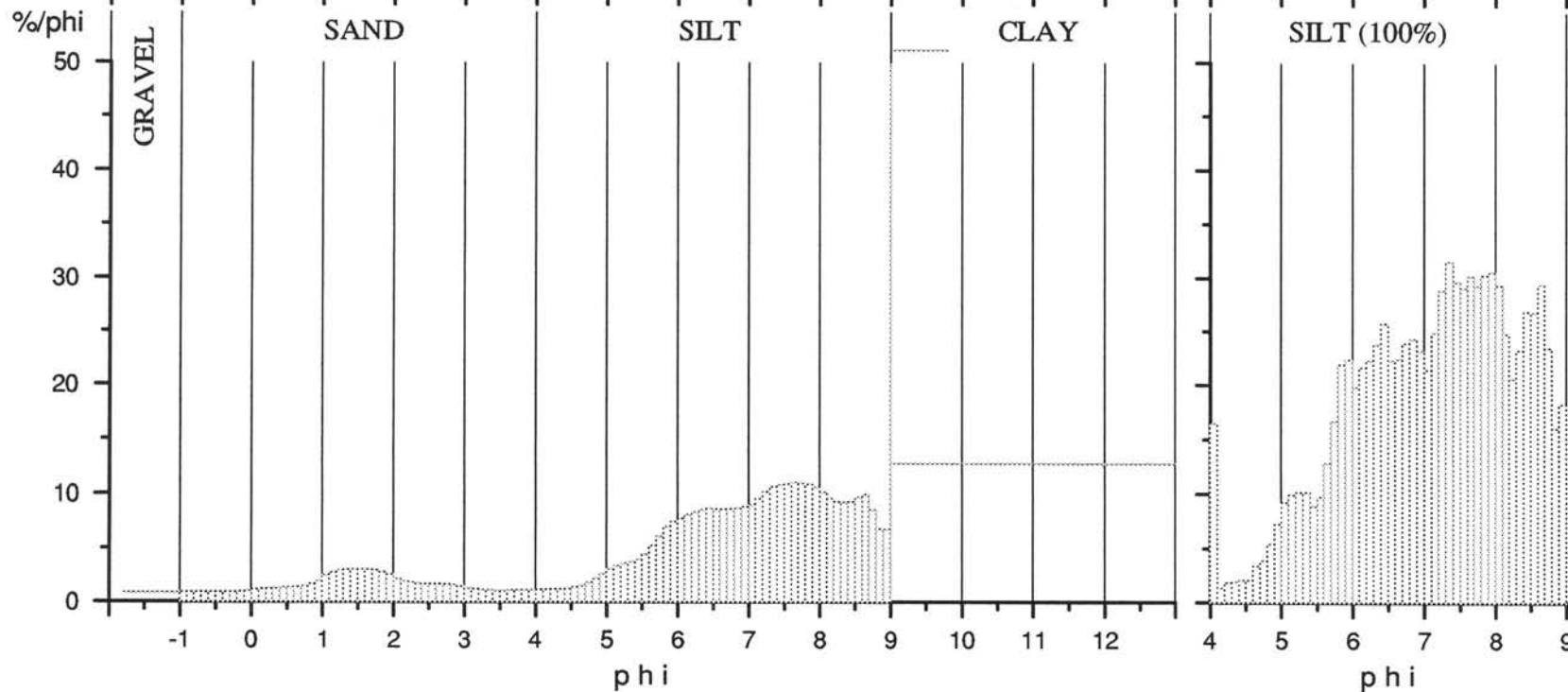
Sample 4.50 m

Grain Size Analysis

AWI



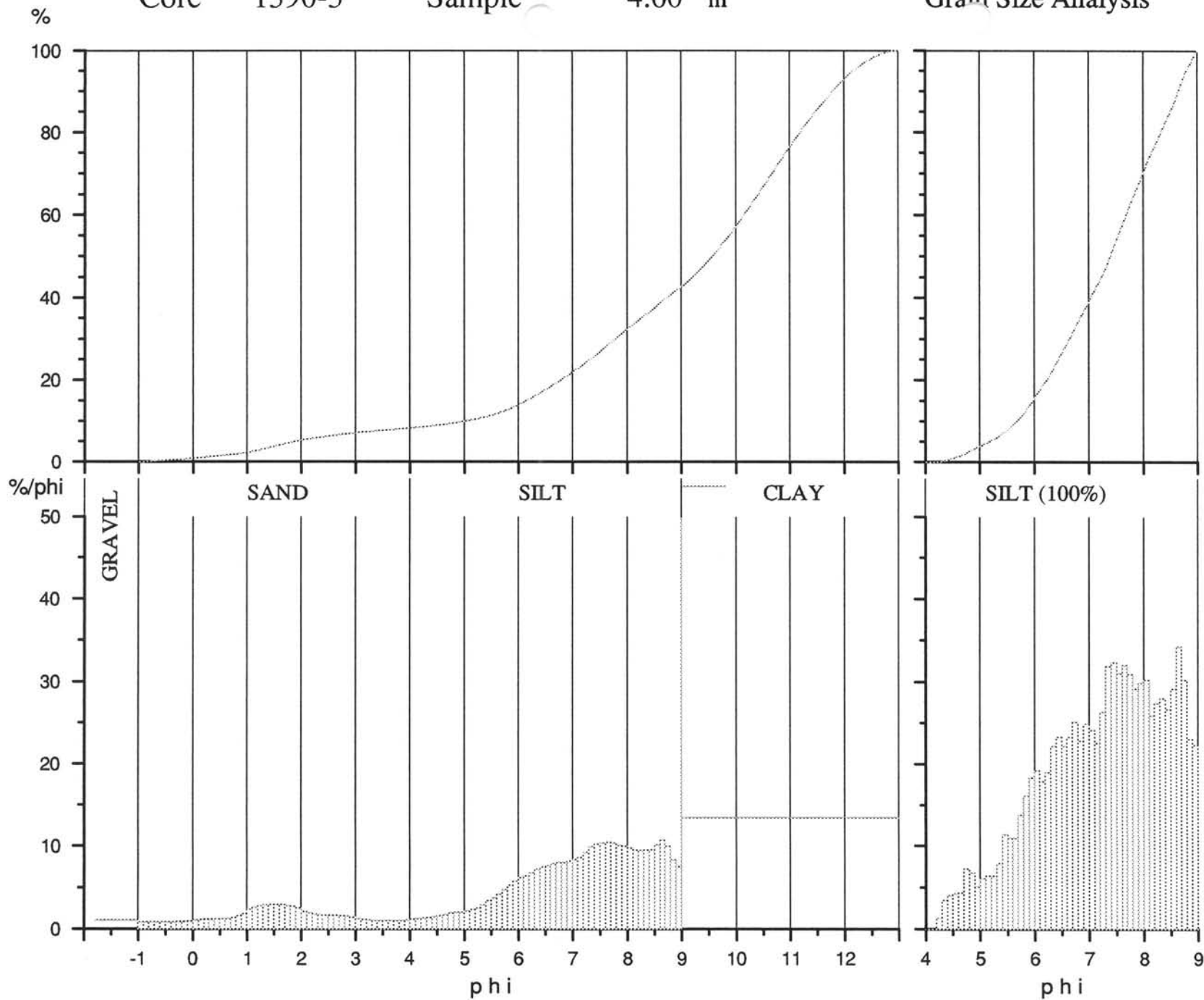
GRAV	0.9
SAND	8.5
SILT	36.7
CLAY	54.8
MEAN	9.0
MEDI	9.4
SKEW	-0.4
KURT	1.1
SORT	2.9



PC 5	1.8
PC 16	6.1
PC 25	7.0
PC 50	9.4
PC 75	10.9
PC 84	11.4
PC 95	12.2

Grobe, 1988

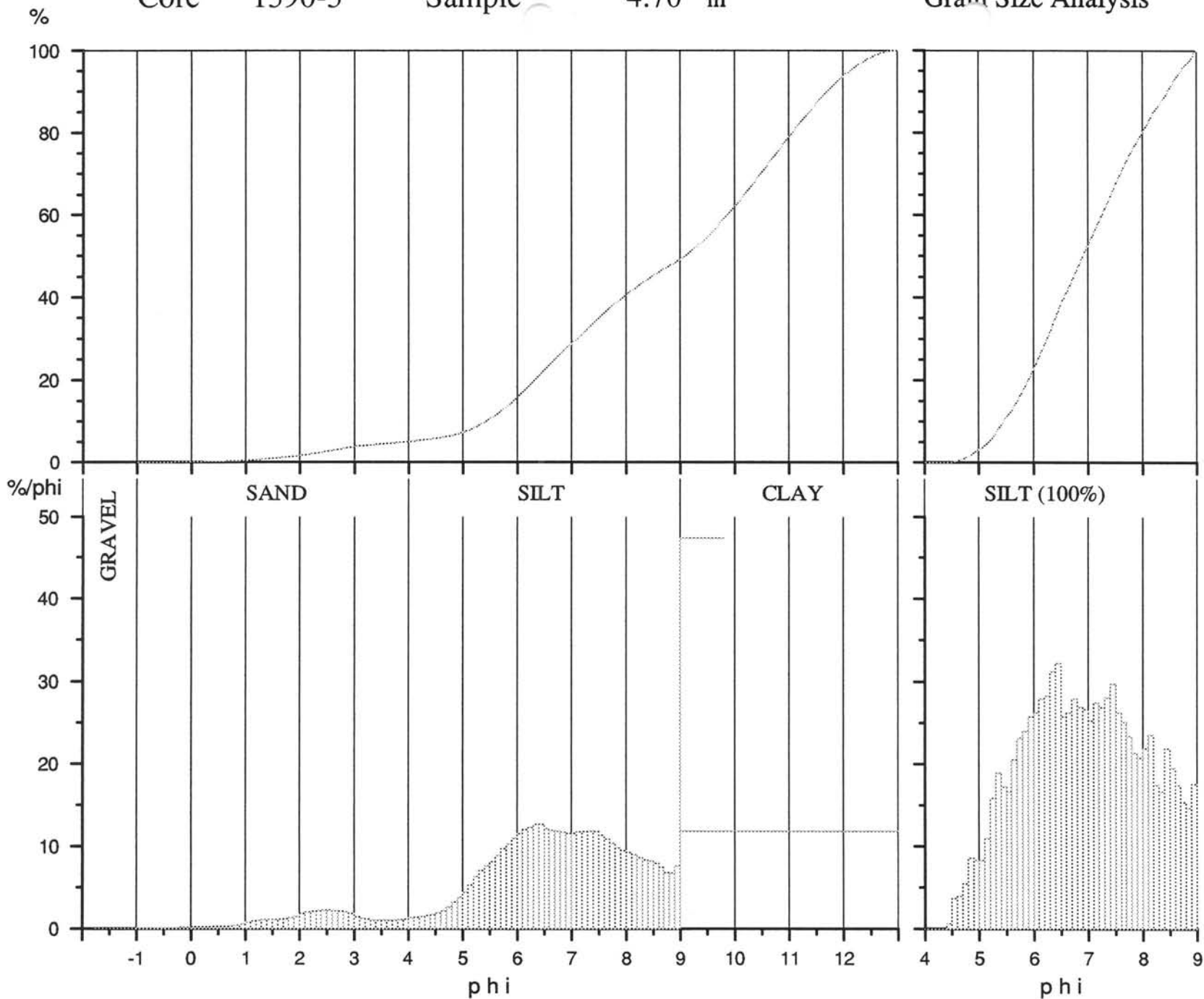
Core 1390-3 Sample 4.60 m Grain Size Analysis AWI



GRAV	1.2
SAND	8.4
SILT	34.0
CLAY	57.6
MEAN	9.1
MEDI	9.6
SKEW	-0.4
KURT	1.2
SORT	2.8
PC 5	1.9
PC 16	6.3
PC 25	7.3
PC 50	9.6
PC 75	10.9
PC 84	11.4
PC 95	12.2

Grobe, 1988

Core 1390-3 Sample 4.70 m Grain Size Analysis AWI



GRAV	0.1
SAND	5.2
SILT	44.0
CLAY	50.8
MEAN	8.8
MEDI	9.1
SKEW	-0.2
KURT	0.8
SORT	2.6
PC 5	3.9
PC 16	6.0
PC 25	6.7
PC 50	9.1
PC 75	10.8
PC 84	11.3
PC 95	12.1

Grobe, 1988

Core 1390-3

Sample 4.80 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

0

0

0

50

40

30

20

10

0

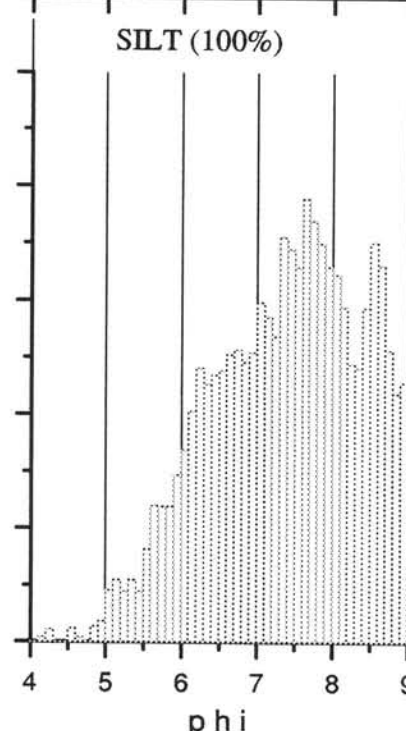
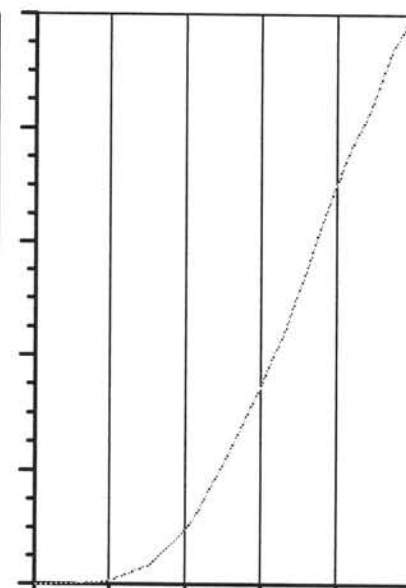
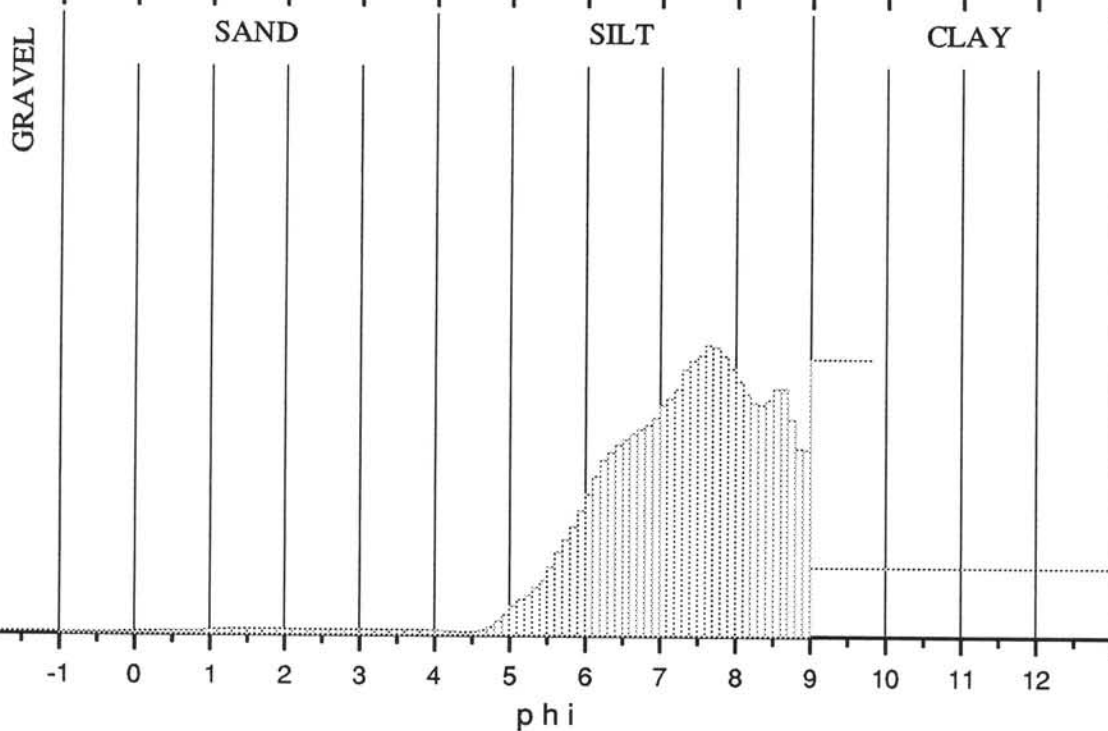
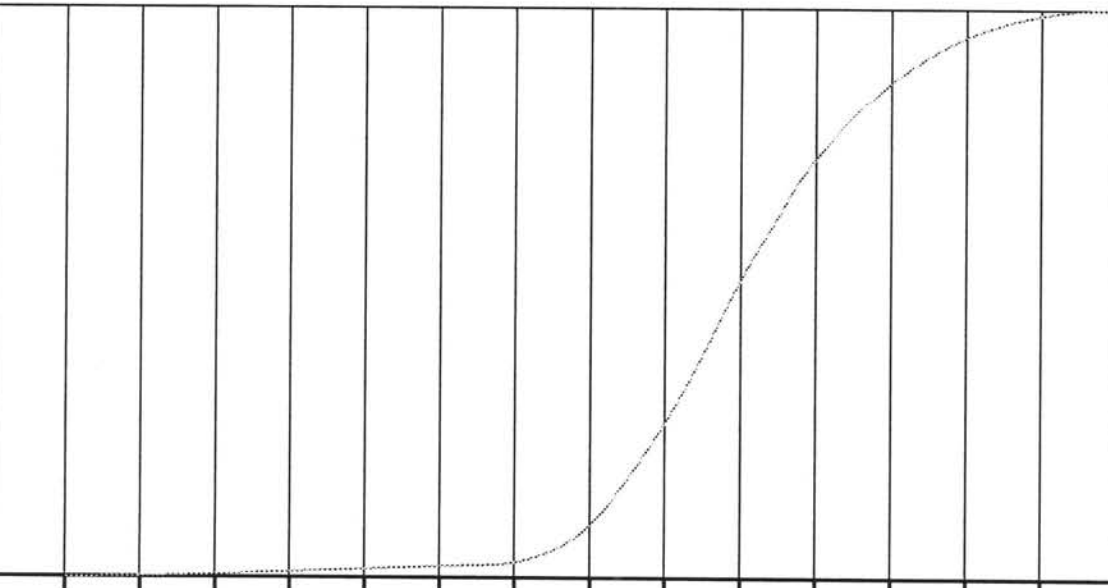
0

0

0

0

0



GRAV 0.2

SAND 2.1

SILT 71.7

CLAY 26.2

MEAN 8.0

MEDI 7.9

SKEW 0.1

KURT 1.0

SORT 1.7

PC 5 5.5

PC 16 6.4

PC 25 6.9

PC 50 7.9

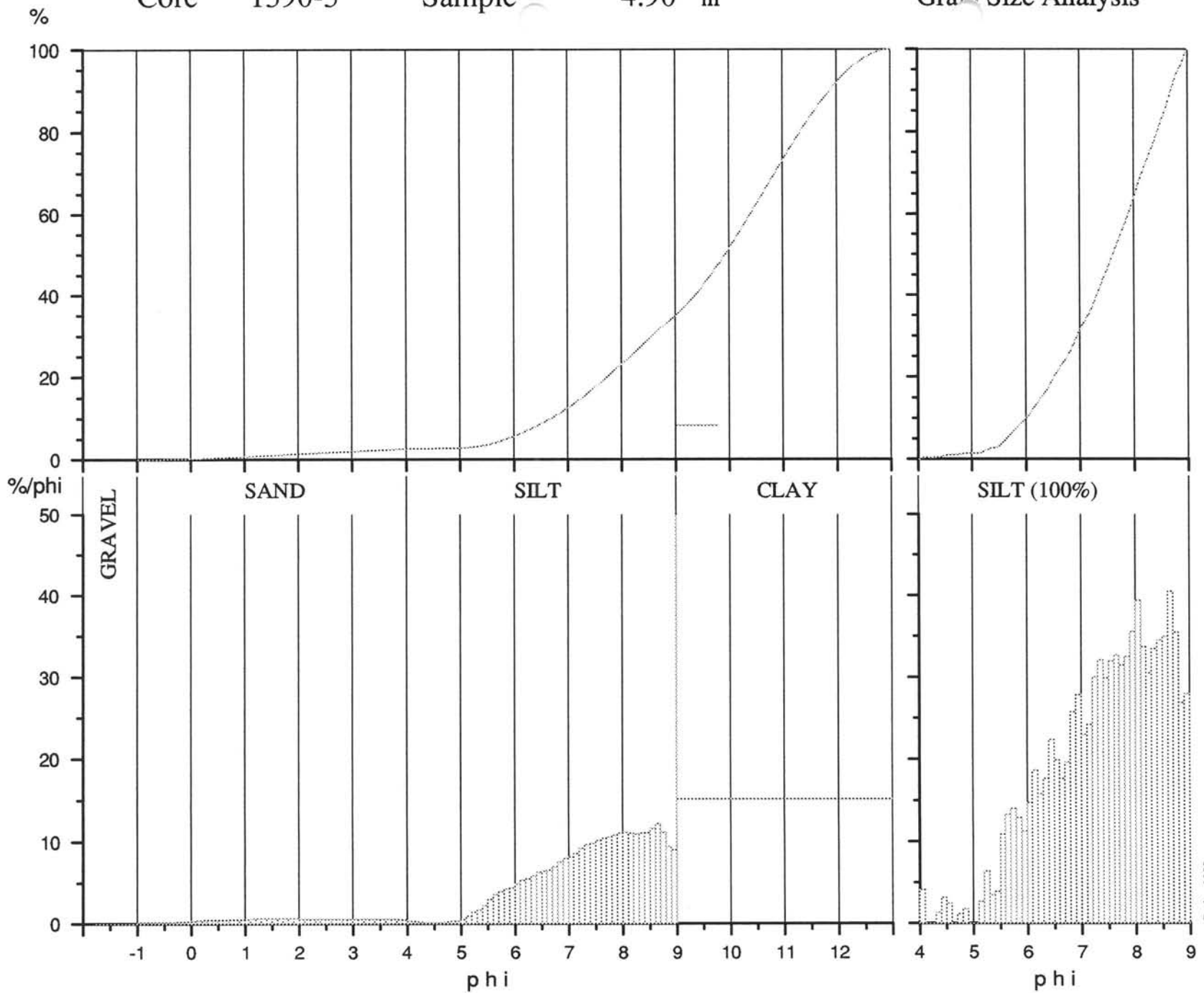
PC 75 9.1

PC 84 9.7

PC 95 11.0

Grobe, 1988

Core 1390-3 Sample 4.90 m Grain Size Analysis AWI



GRAV	0.0
SAND	2.7
SILT	32.1
CLAY	65.2
MEAN	9.6
MEDI	9.9
SKEW	-0.3
KURT	0.9
SORT	2.0

PC 5	5.8
PC 16	7.4
PC 25	8.1
PC 50	9.9
PC 75	11.1
PC 84	11.5
PC 95	12.2

Grobe, 1988

Core 1390-3

Sample 5.00 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV	0.2
SAND	6.4
SILT	26.1
CLAY	67.4

MEAN	9.6
MEDI	10.0
SKEW	-0.4
KURT	1.4
SORT	2.4

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5	3.0
PC 16	7.3
PC 25	8.3
PC 50	10.0
PC 75	11.1
PC 84	11.6
PC 95	12.2

phi

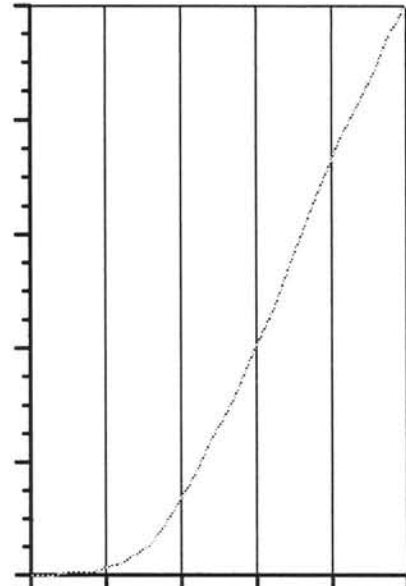
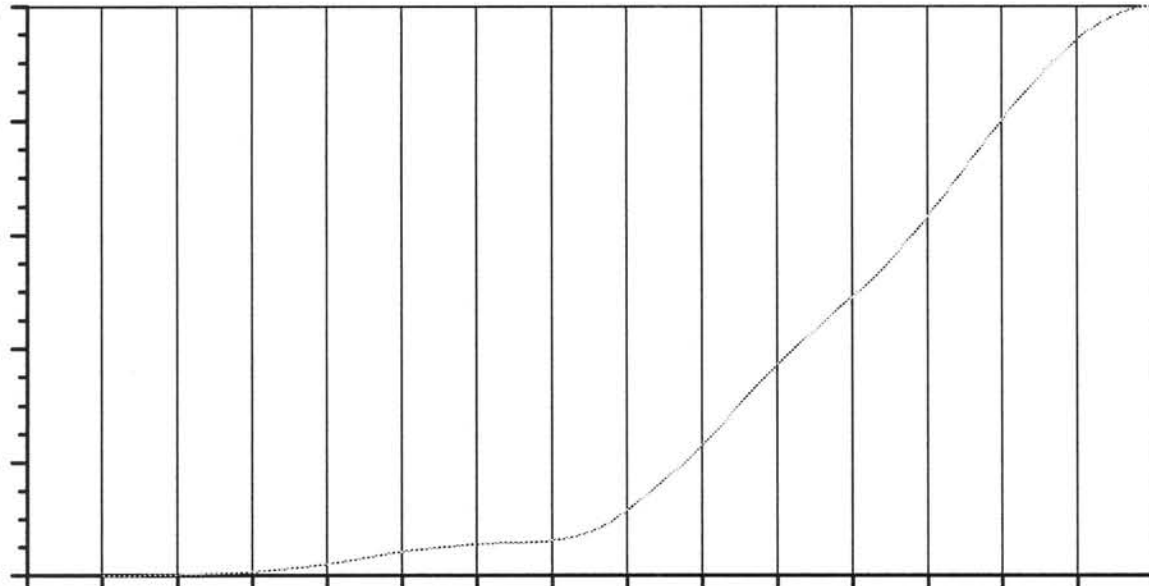
phi

Grobe, 1988

Core 1390-3 Sample 5.10 m Grain Size Analysis AWI

%

100
80
60
40
20
0



GRAV	0.1
SAND	5.6
SILT	43.4
CLAY	51.0
MEAN	8.9
MEDI	9.1
SKEW	-0.2
KURT	1.0
SORT	2.5

%/phi

50
40
30
20
10
0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5	3.5
PC 16	6.4
PC 25	7.1
PC 50	9.1
PC 75	10.7
PC 84	11.2
PC 95	12.1

-1 0 1 2 3 4 5 6 7 8 9 10 11 12

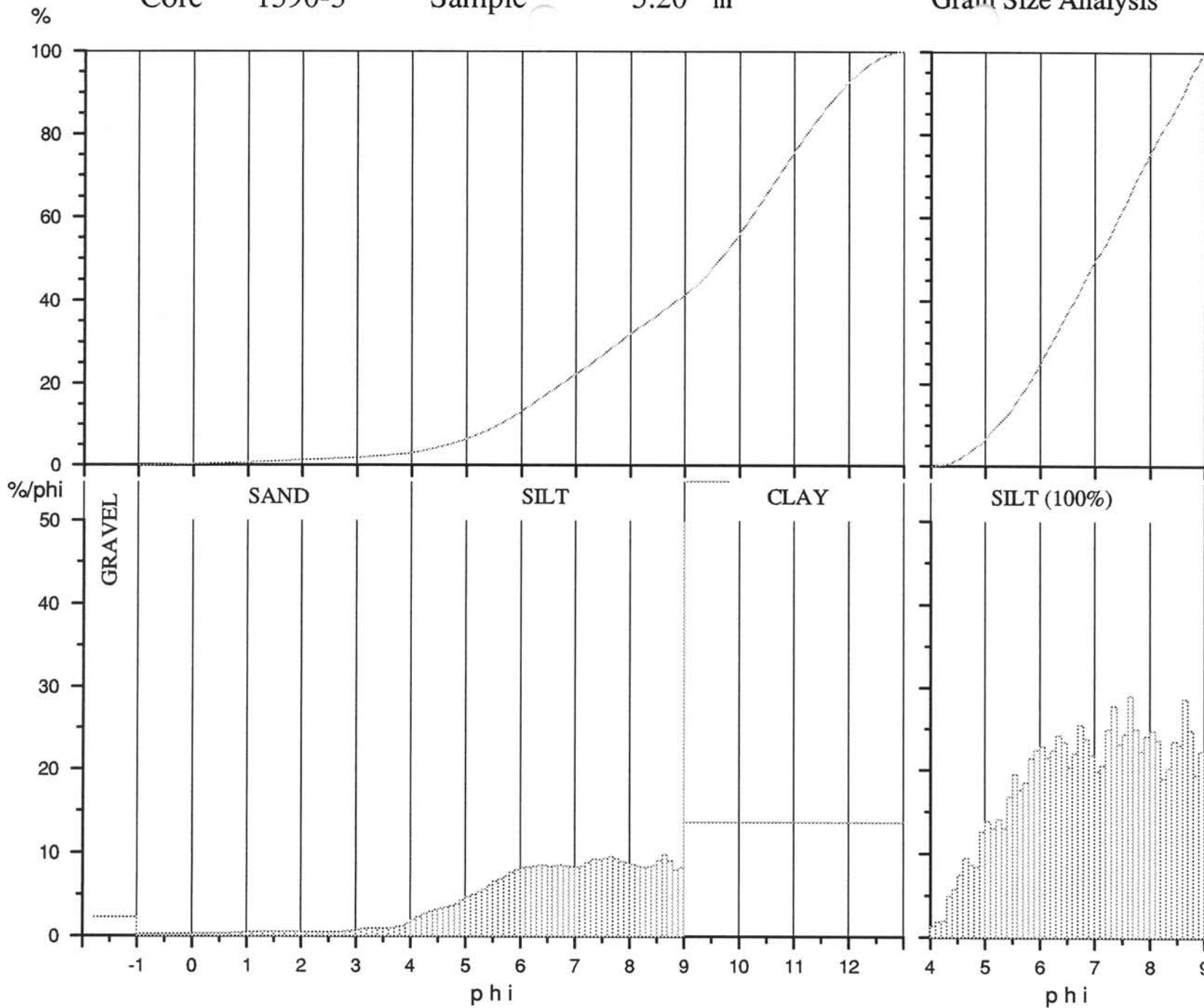
phi

4 5 6 7 8 9

phi

Grobe, 1988

Core 1390-3 Sample 5.20 m Grain Size Analysis AWI

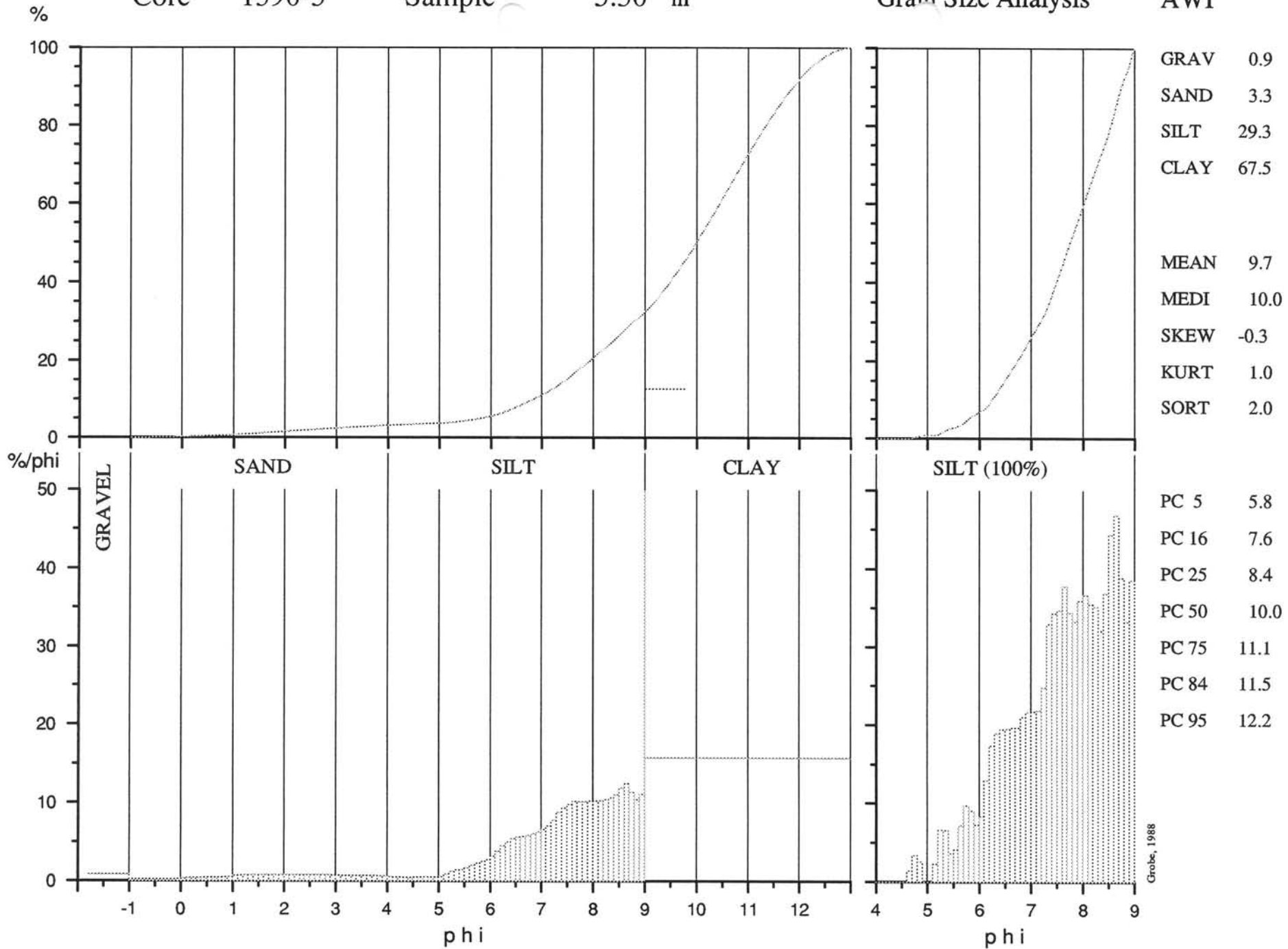


GRAV	2.5
SAND	3.1
SILT	38.2
CLAY	58.7
MEAN	9.1
MEDI	9.6
SKEW	-0.3
KURT	0.8
SORT	2.4

PC 5	4.6
PC 16	6.3
PC 25	7.3
PC 50	9.6
PC 75	11.0
PC 84	11.4
PC 95	12.2

Grobe, 1988

Core 1390-3 Sample 5.30 m Grain Size Analysis AWI



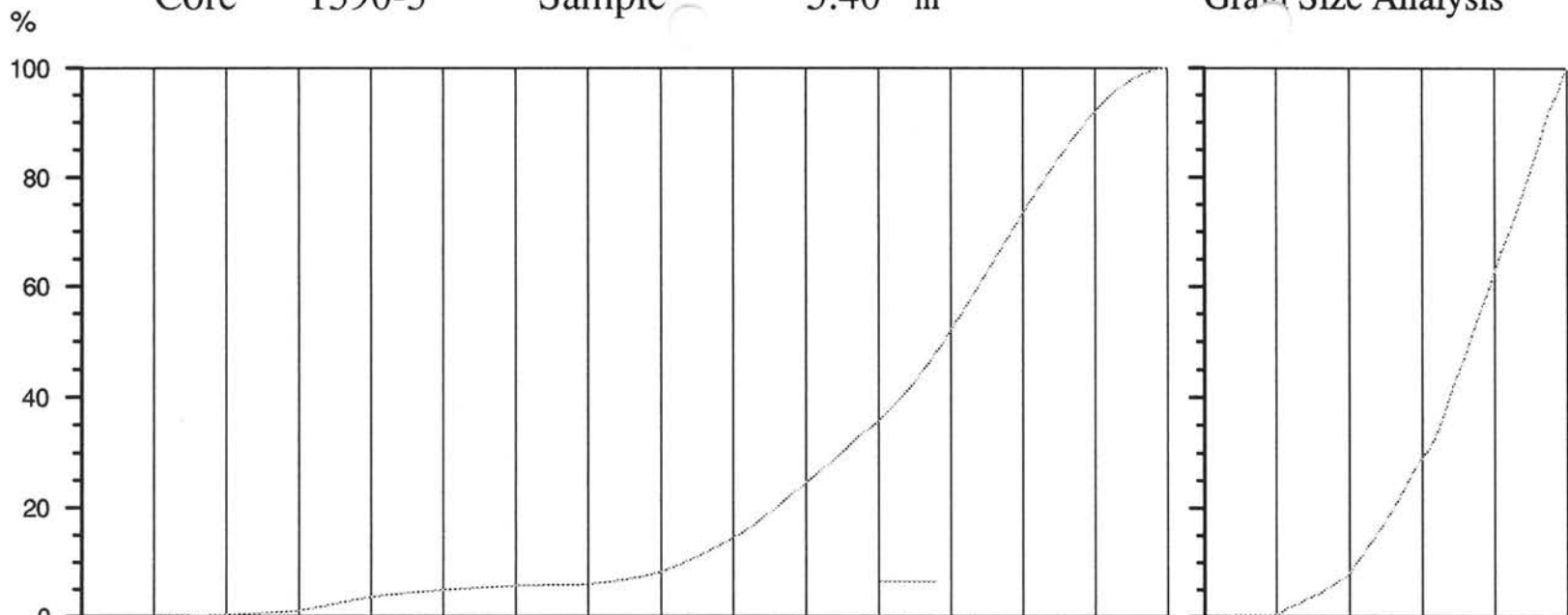
Grobe, 1988

Core 1390-3

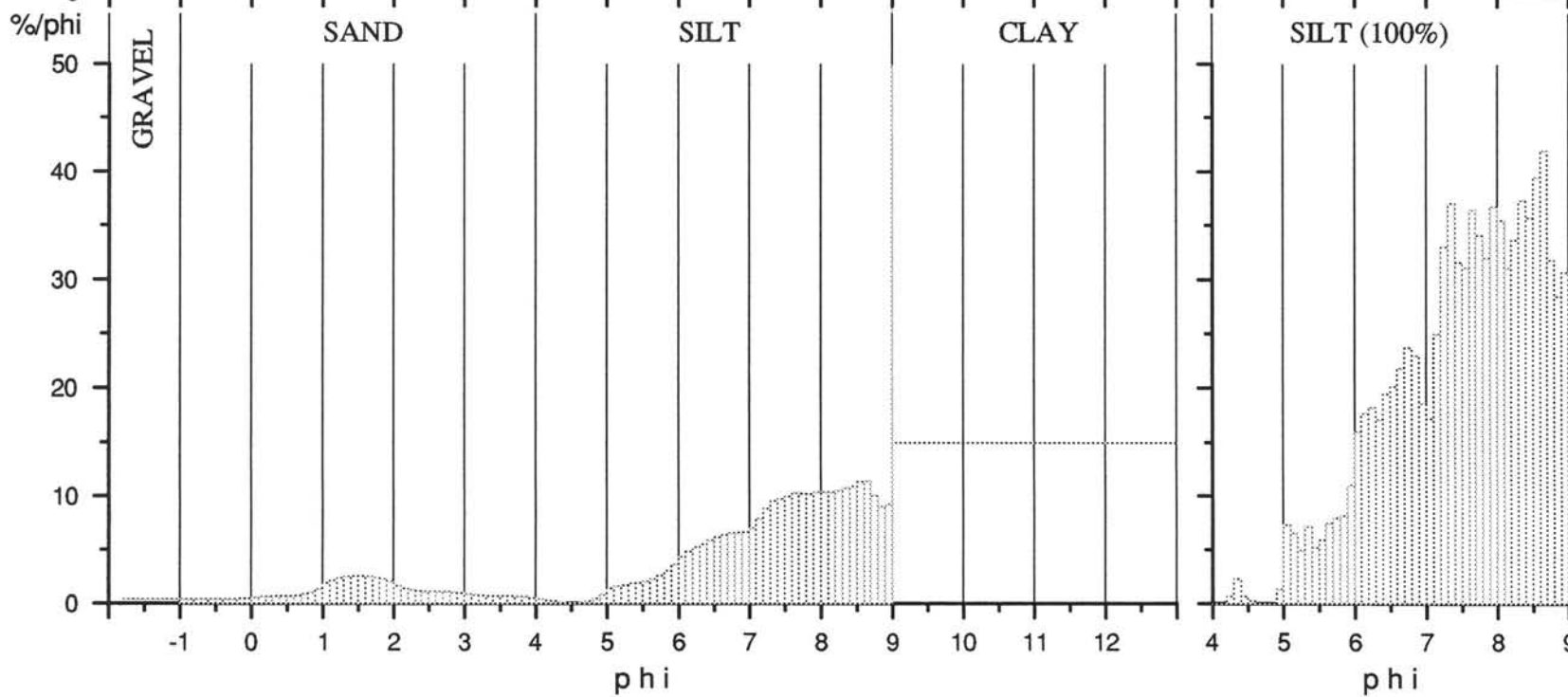
Sample 5.40 m

Grain Size Analysis

AWI



GRAV	0.5
SAND	5.8
SILT	30.0
CLAY	64.2
MEAN	9.5
MEDI	9.9
SKEW	-0.4
KURT	1.2
SORT	2.5



PC 5	3.0
PC 16	7.2
PC 25	8.0
PC 50	9.9
PC 75	11.1
PC 84	11.5
PC 95	12.2

Grobe, 1988

Core 1390-3

Sample 5.50 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

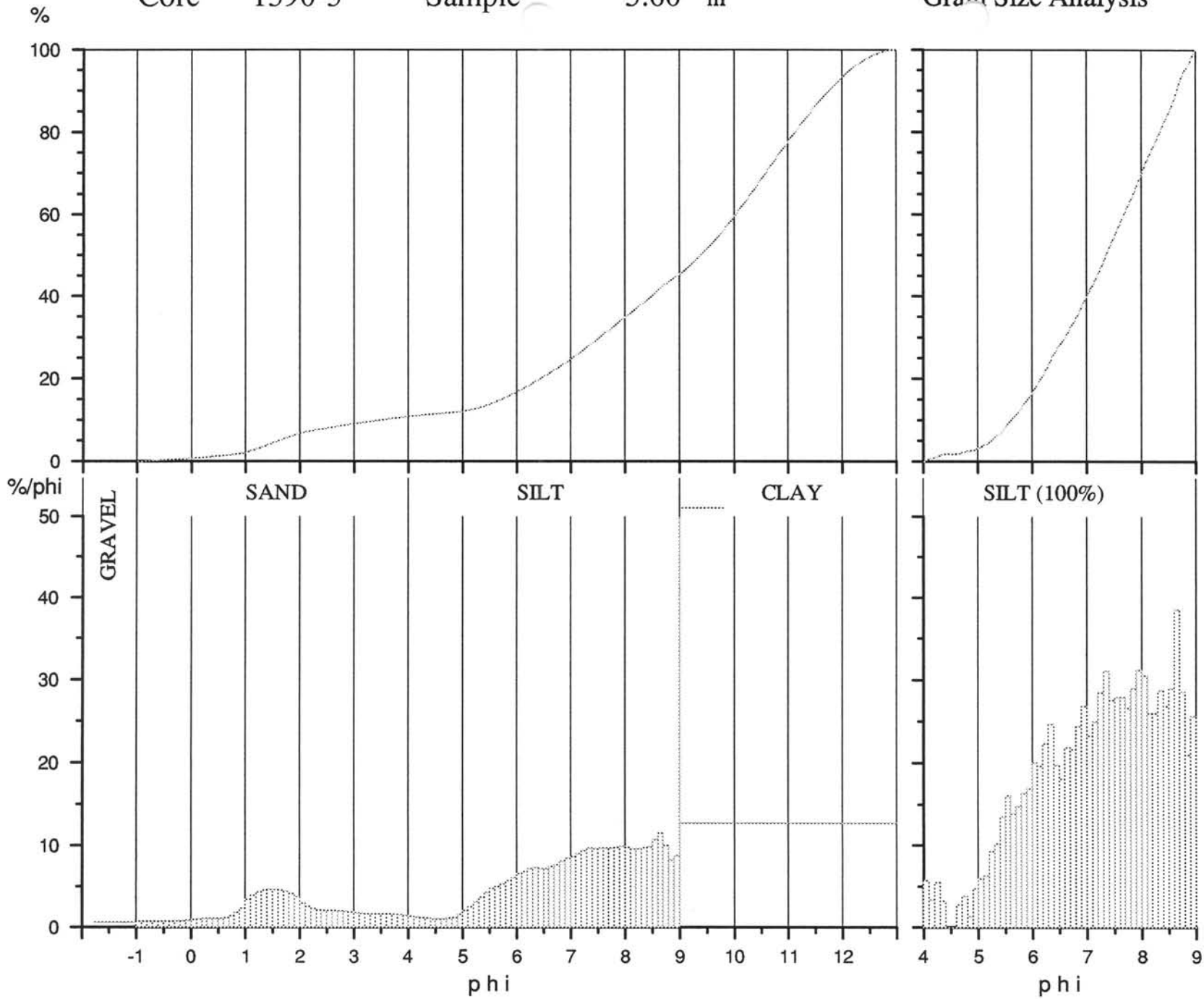
phi

phi

Grobe, 1988

GRAV	3.4
SAND	9.9
SILT	28.5
CLAY	61.6
MEAN	9.1
MEDI	9.8
SKEW	-0.5
KURT	1.2
SORT	3.0
PC 5	1.7
PC 16	6.0
PC 25	7.3
PC 50	9.8
PC 75	11.1
PC 84	11.5
PC 95	12.2

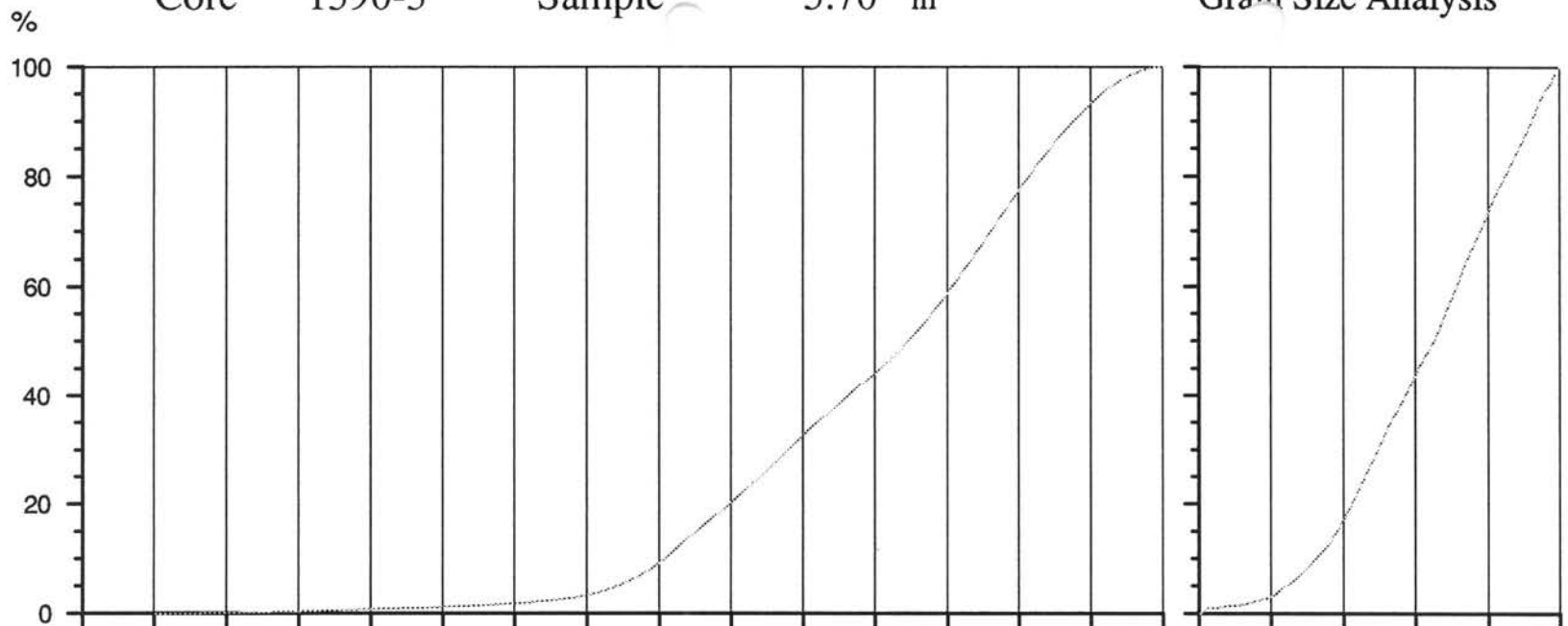
Core 1390-3 Sample 5.60 m Grain Size Analysis AWI



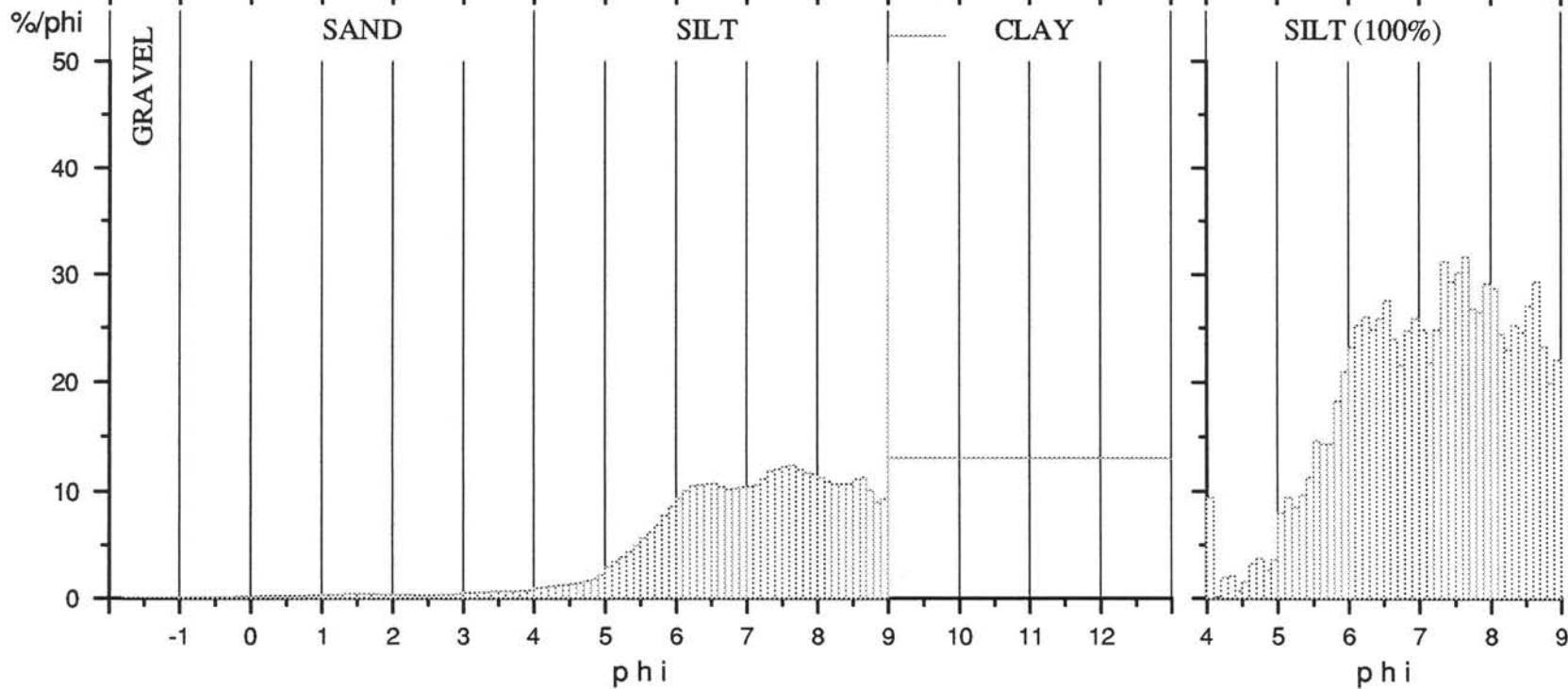
GRAV	0.7
SAND	11.0
SILT	34.4
CLAY	54.7
MEAN	8.9
MEDI	9.4
SKEW	-0.4
KURT	1.1
SORT	3.0
PC 5	1.6
PC 16	5.9
PC 25	7.0
PC 50	9.4
PC 75	10.9
PC 84	11.4
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 5.70 m Grain Size Analysis AWI



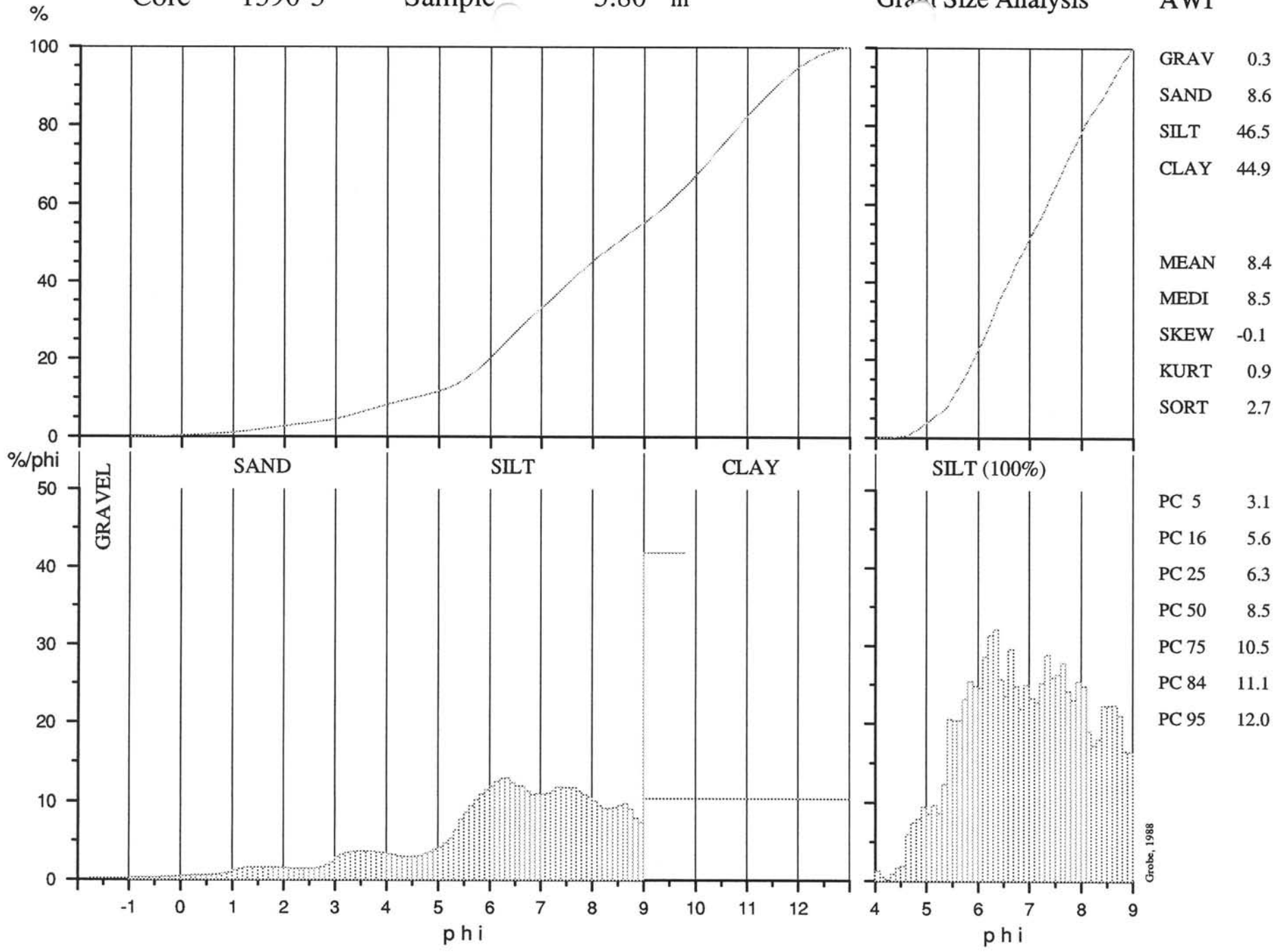
GRAV	0.1
SAND	1.9
SILT	42.1
CLAY	56.1
MEAN	9.1
MEDI	9.5
SKEW	-0.2
KURT	0.8
SORT	2.2



PC 5	5.4
PC 16	6.6
PC 25	7.4
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 5.80 m Grain Size Analysis AWI



Grobe, 1988

Core 1390-3

Sample 5.90 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 1.0

SAND 8.6

SILT 46.6

CLAY 44.8

MEAN 8.4

MEDI 8.5

SKEW -0.2

KURT 1.0

SORT 2.8

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 2.2

PC 16 5.6

PC 25 6.5

PC 50 8.5

PC 75 10.5

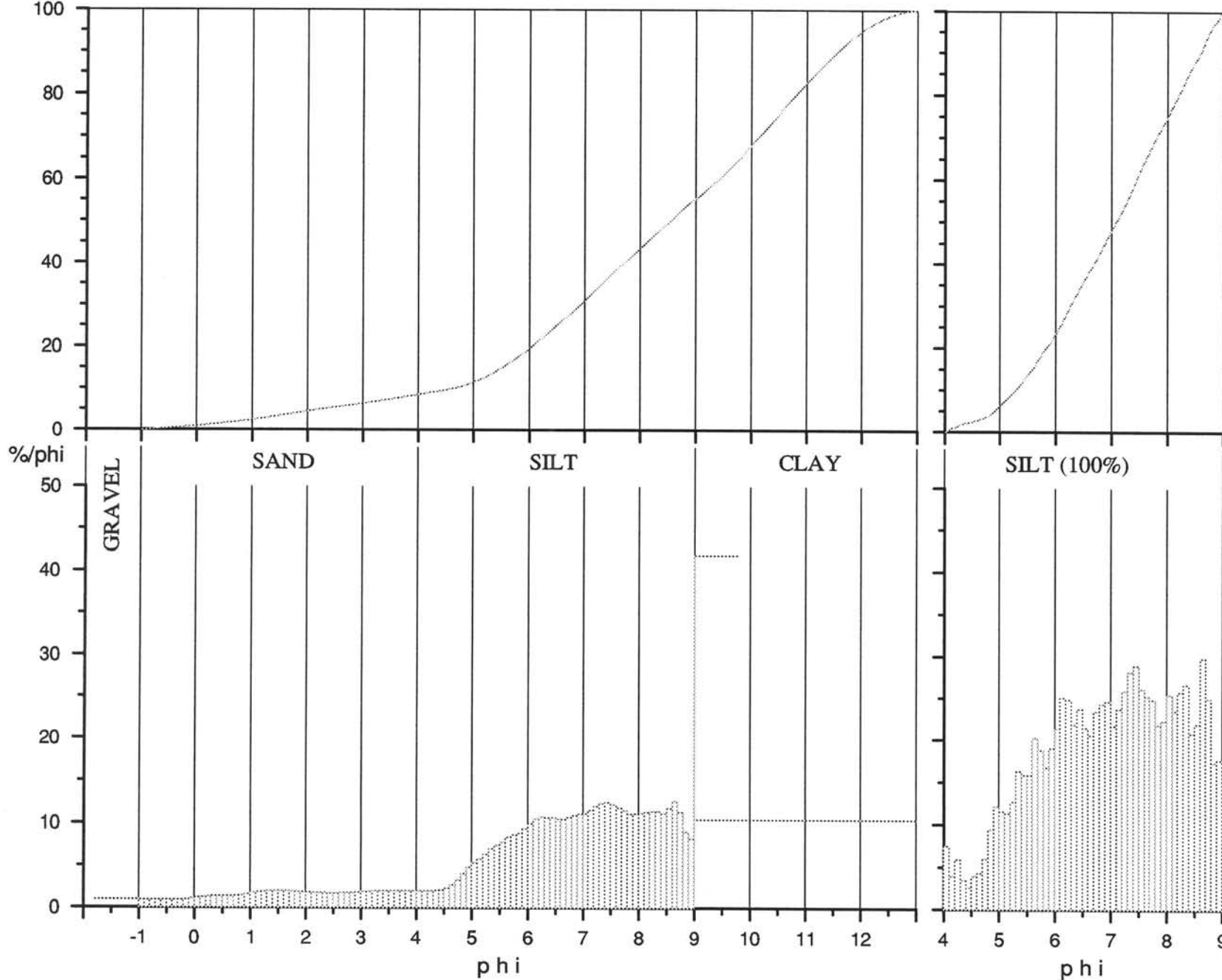
PC 84 11.1

PC 95 12.0

phi

phi

Grobe, 1988



Core 1390-3

Sample 5.96 m

Grain Size Analysis

AWI

%

100

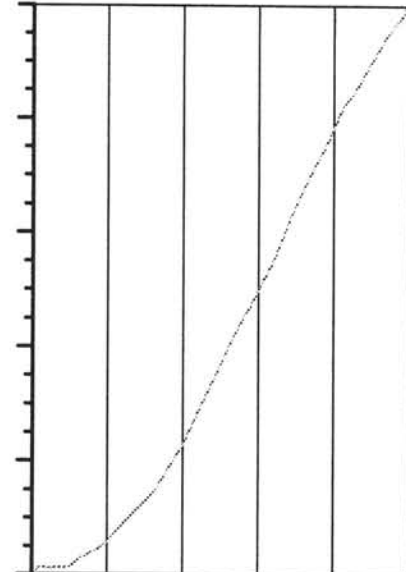
80

60

40

20

0



GRAV	0.0
SAND	4.2
SILT	50.2
CLAY	45.6
MEAN	8.5
MEDI	8.5
SKEW	-0.1
KURT	0.8
SORT	2.5

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5	4.2
PC 16	5.9
PC 25	6.6
PC 50	8.5
PC 75	10.5
PC 84	11.1
PC 95	12.0

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

phi

Grobe, 1988

Core 1390-3

Sample 6.05 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 1.0

SILT 50.4

CLAY 48.6

MEAN 8.8

MEDI 8.9

SKEW -0.0

KURT 0.7

SORT 2.2

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 5.6

PC 16 6.5

PC 25 7.0

PC 50 8.9

PC 75 10.6

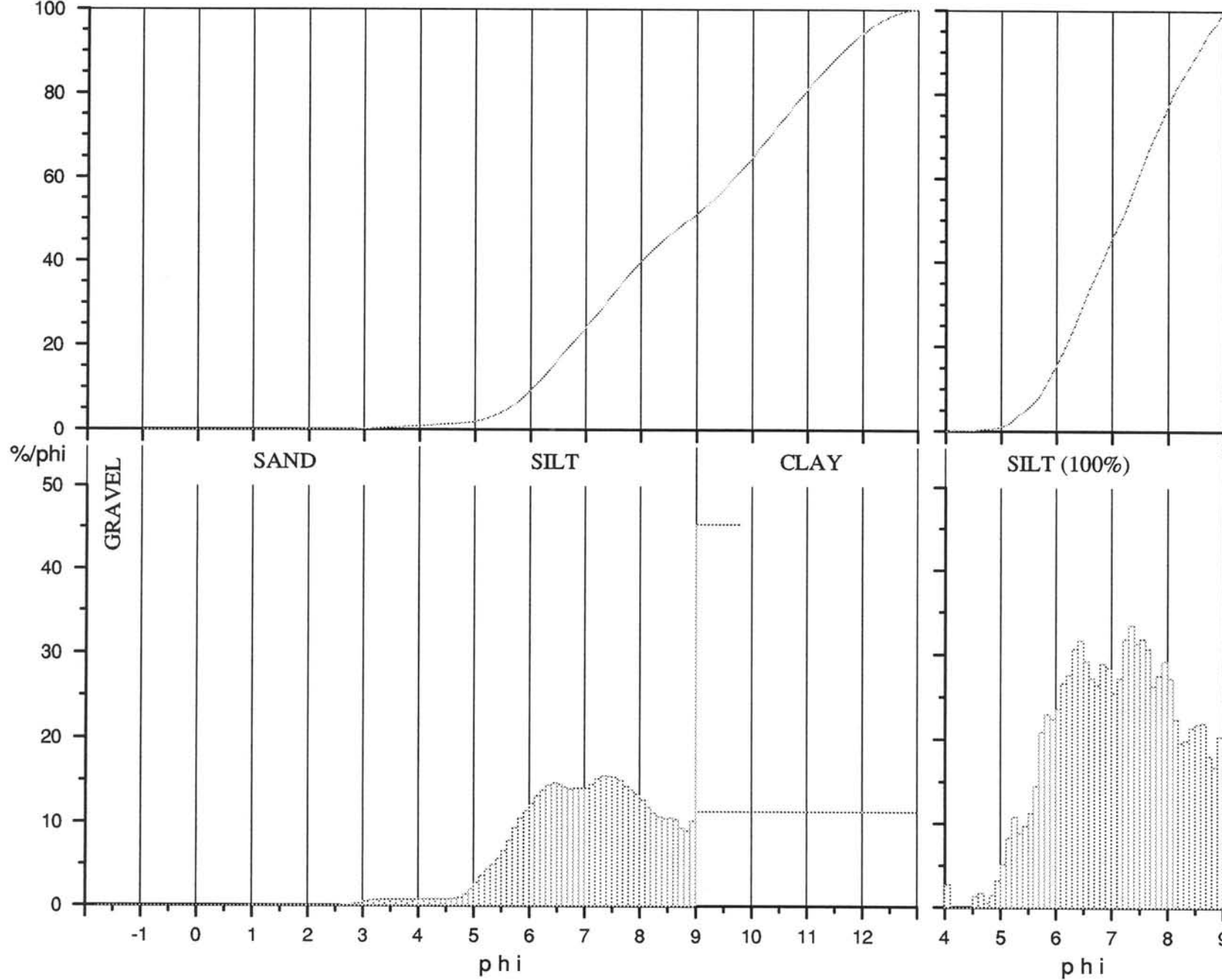
PC 84 11.2

PC 95 12.1

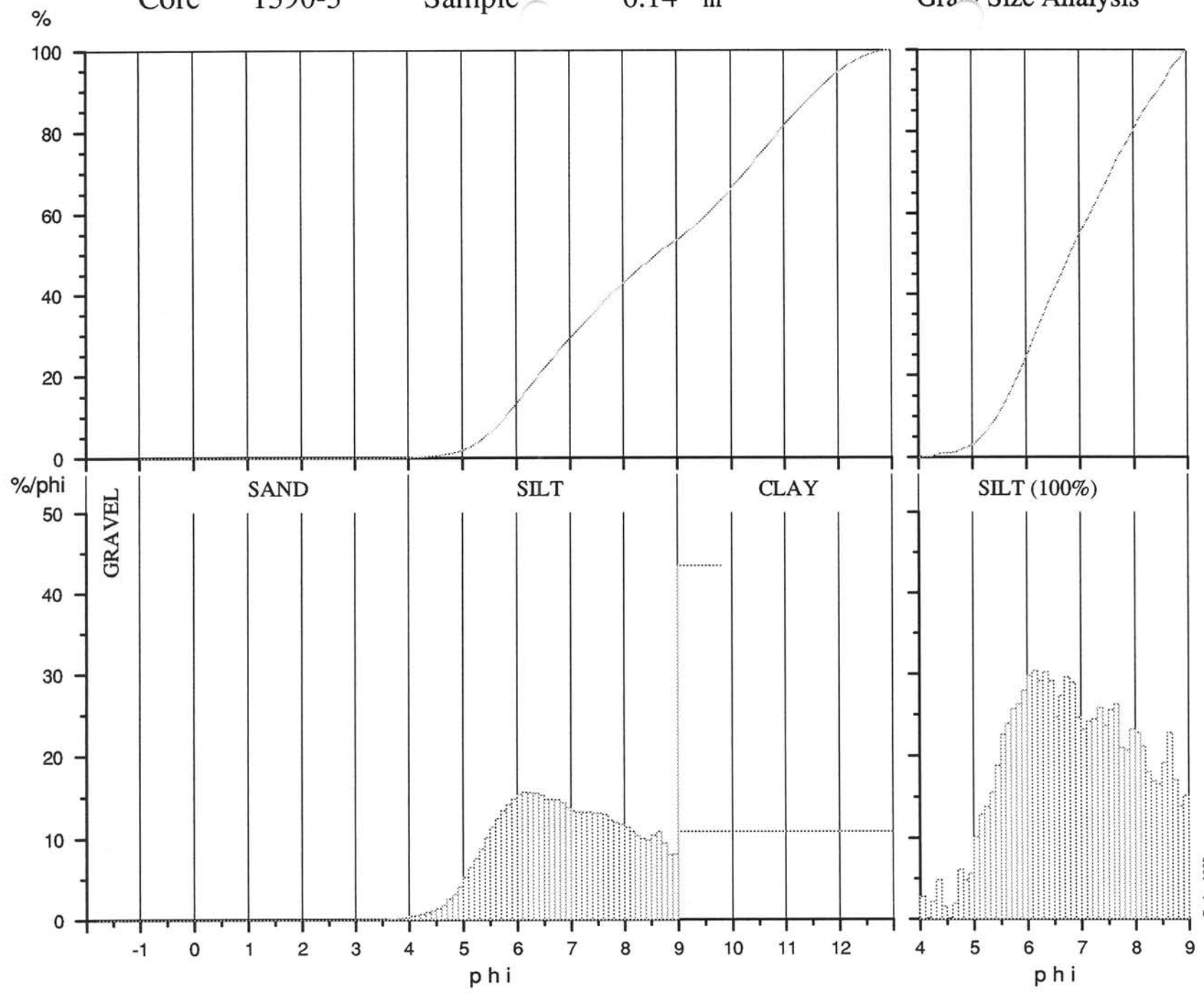
phi

phi

Grobe, 1988



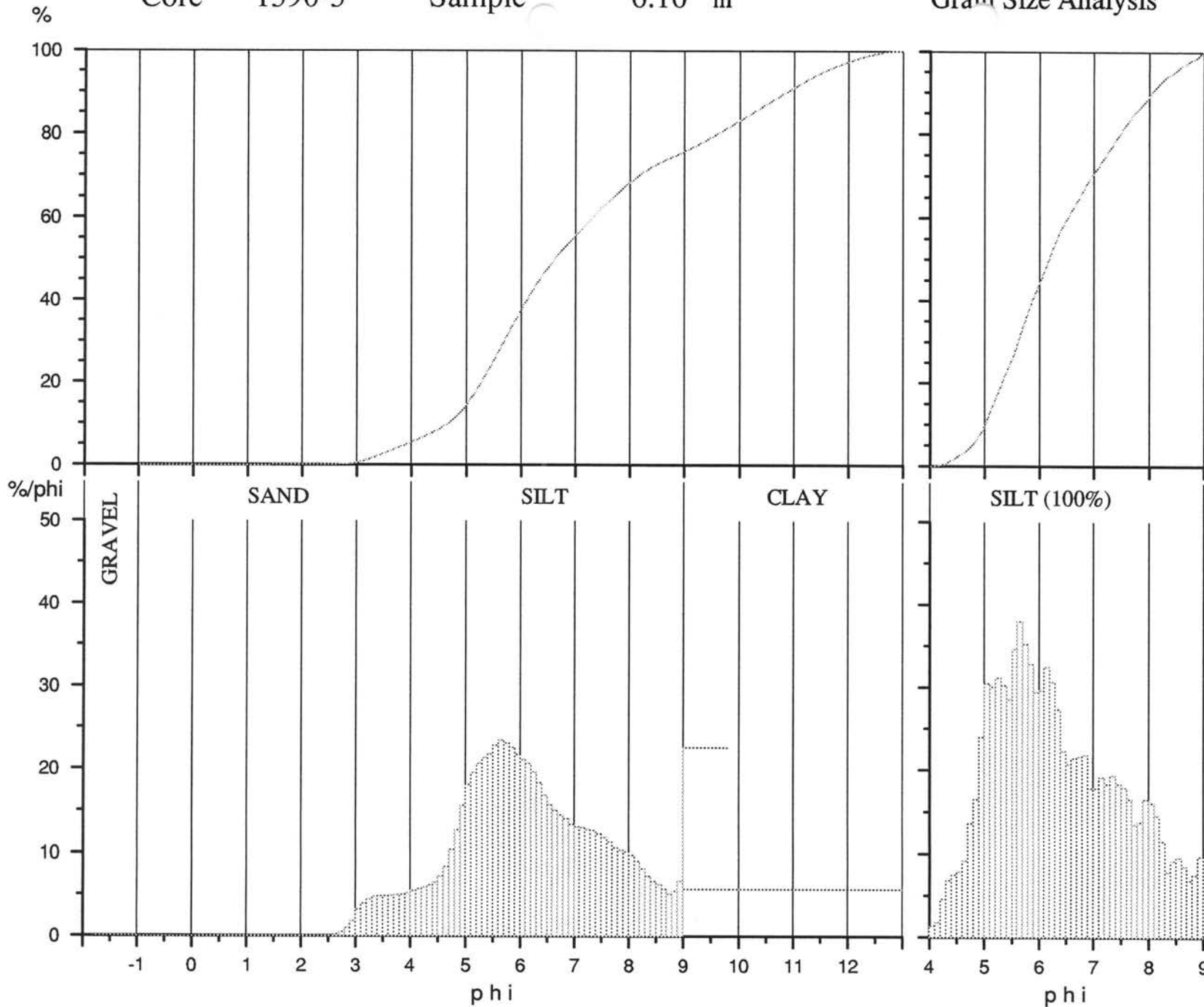
Core 1390-3 Sample 6.14 m Grain Size Analysis AWI



GRAV	0.0
SAND	0.1
SILT	53.3
CLAY	46.5
MEAN	8.7
MEDI	8.6
SKEW	0.0
KURT	0.7
SORT	2.3
PC 5	5.4
PC 16	6.2
PC 25	6.7
PC 50	8.6
PC 75	10.6
PC 84	11.2
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 6.16 m Grain Size Analysis AWI



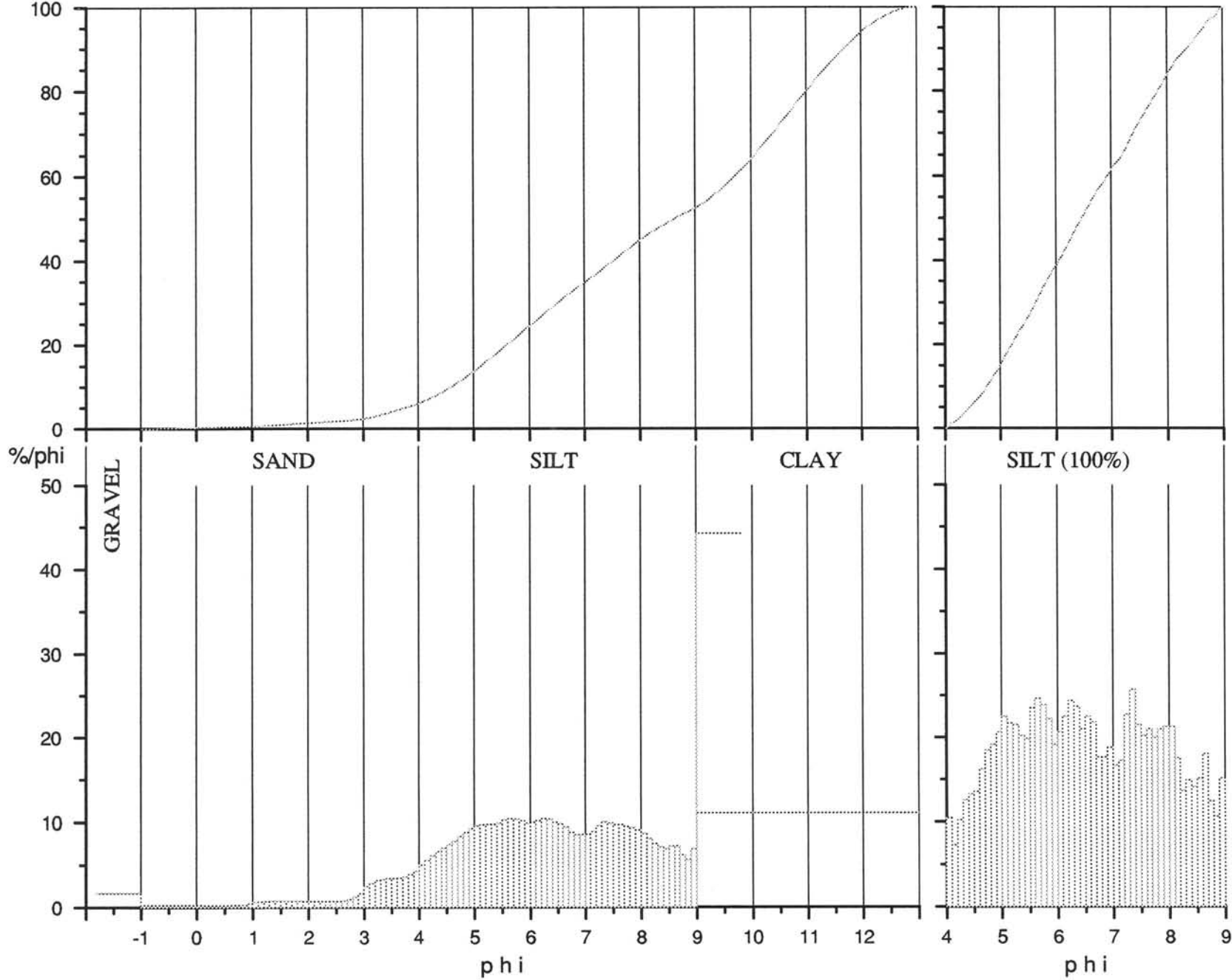
GRAV	0.1
SAND	5.5
SILT	70.2
CLAY	24.2

MEAN	7.3
MEDI	6.6
SKREW	0.3
KURT	0.9
SORT	2.4

PC 5	3.9
PC 16	5.1
PC 25	5.5
PC 50	6.6
PC 75	8.9
PC 84	10.1
PC 95	11.6

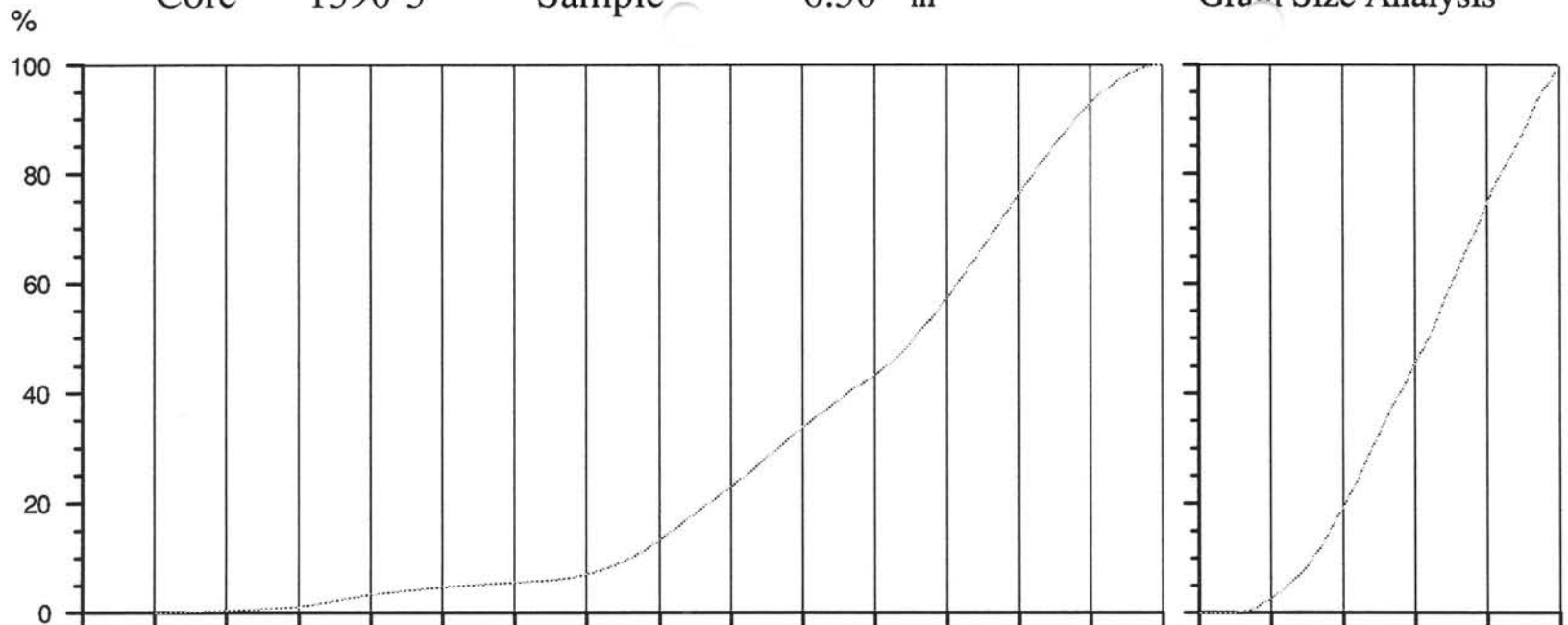
Grobe, 1988

Core 1390-3 Sample 6.23 m Grain Size Analysis AWI

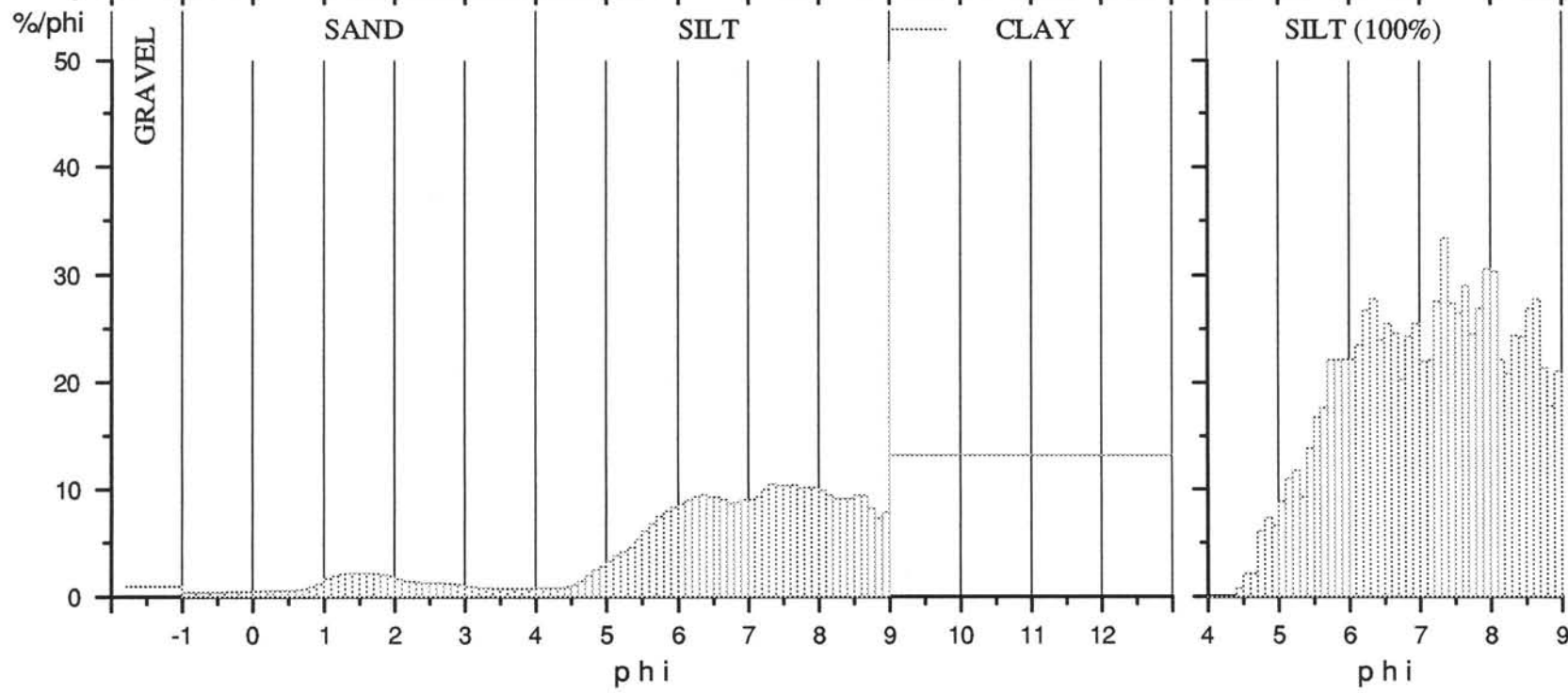


Grobe, 1988

Core 1390-3 Sample 6.30 m Grain Size Analysis AWI



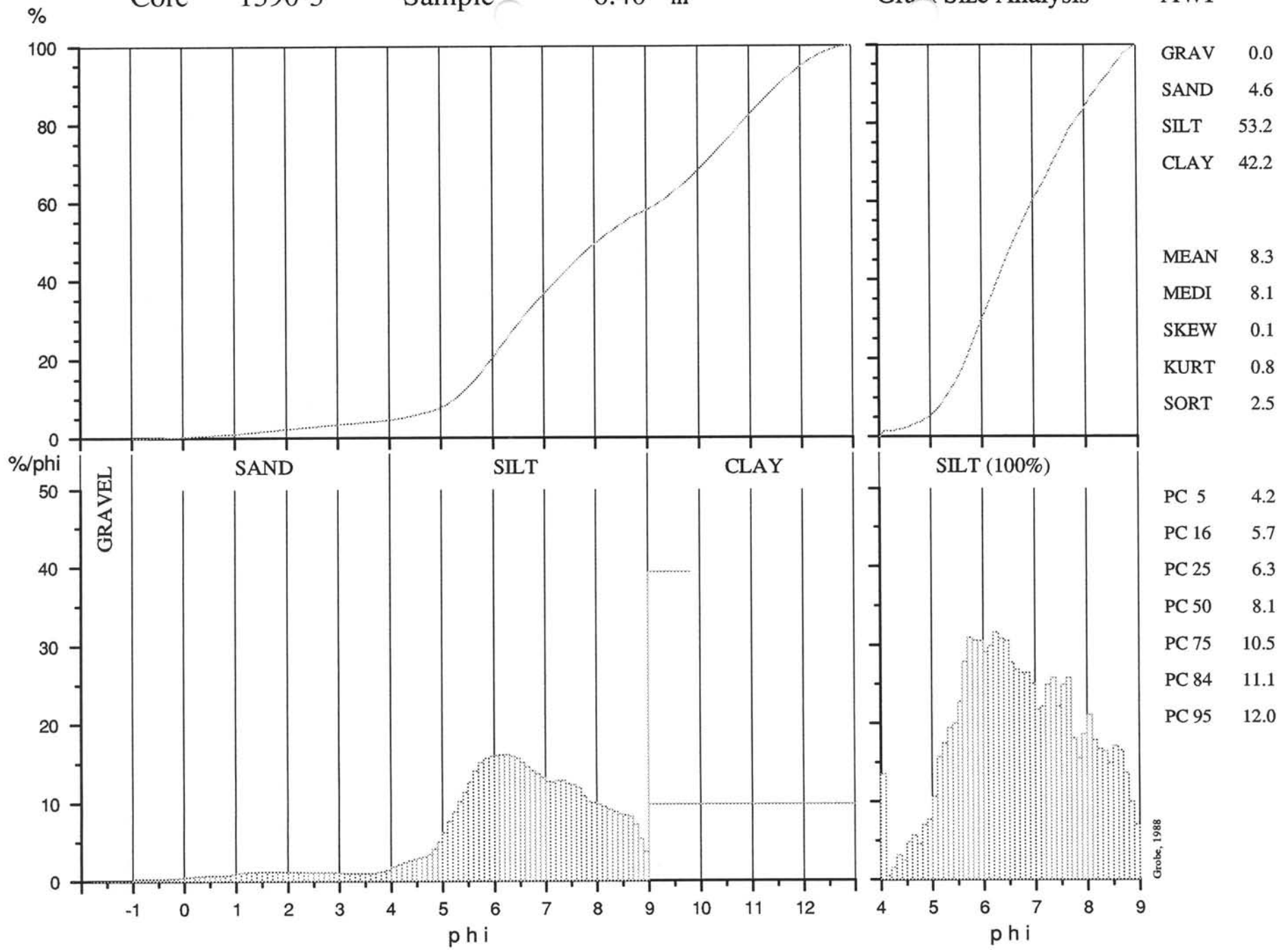
GRAV	1.1
SAND	5.7
SILT	37.6
CLAY	56.7
MEAN	9.1
MEDI	9.5
SKEW	-0.3
KURT	1.0
SORT	2.6



PC 5	3.2
PC 16	6.3
PC 25	7.2
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.2

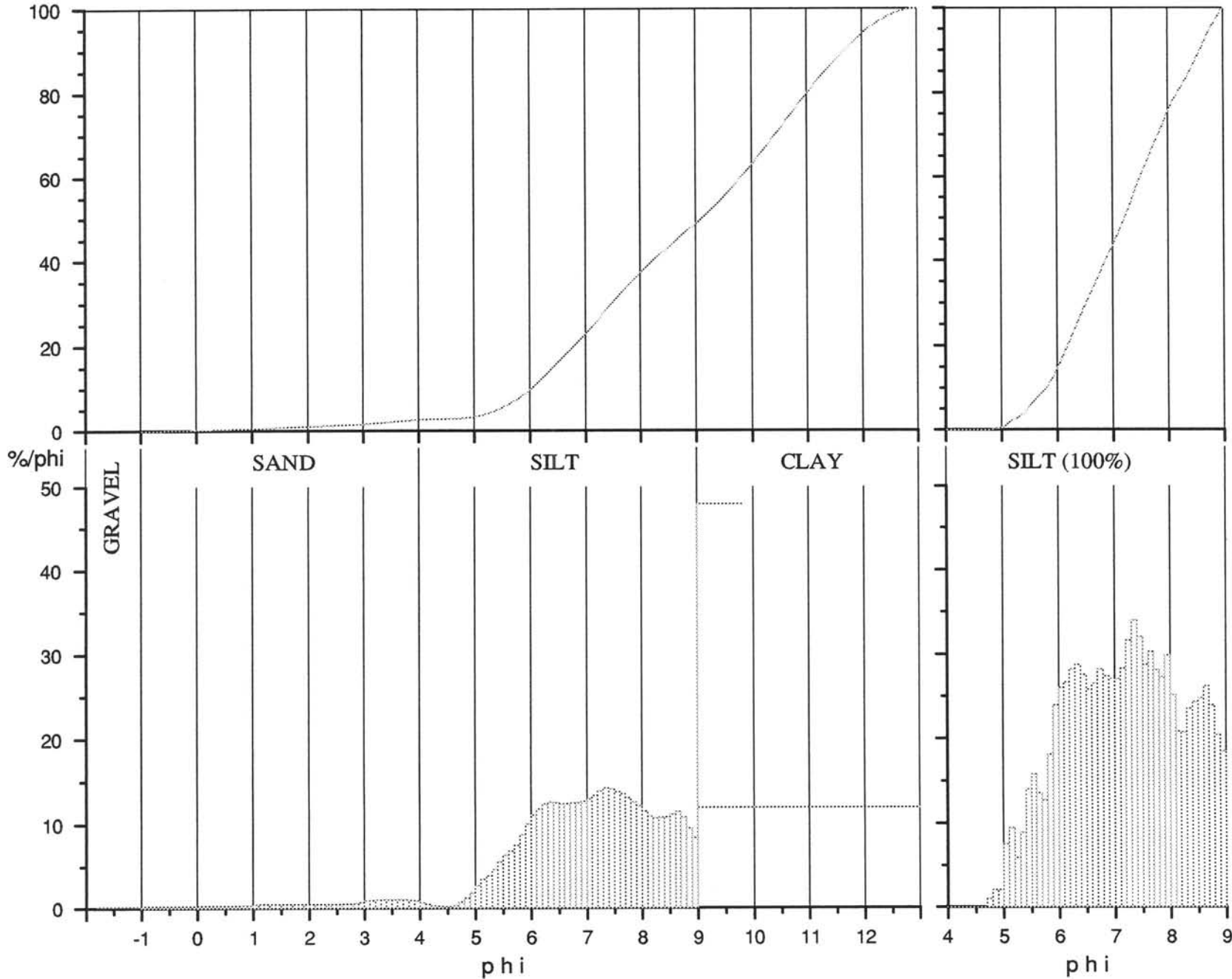
Grobe, 1988

Core 1390-3 Sample 6.40 m Grain Size Analysis AWI



Grobe, 1988

Core 1390-3 Sample 6.50 m Grain Size Analysis AWI



GRAV	0.2
SAND	2.8
SILT	45.9
CLAY	51.3
MEAN	8.9
MEDI	9.1
SKEW	-0.1
KURT	0.8
SORT	2.2
PC 5	5.4
PC 16	6.5
PC 25	7.1
PC 50	9.1
PC 75	10.7
PC 84	11.3
PC 95	12.1

Grobe, 1988

Core

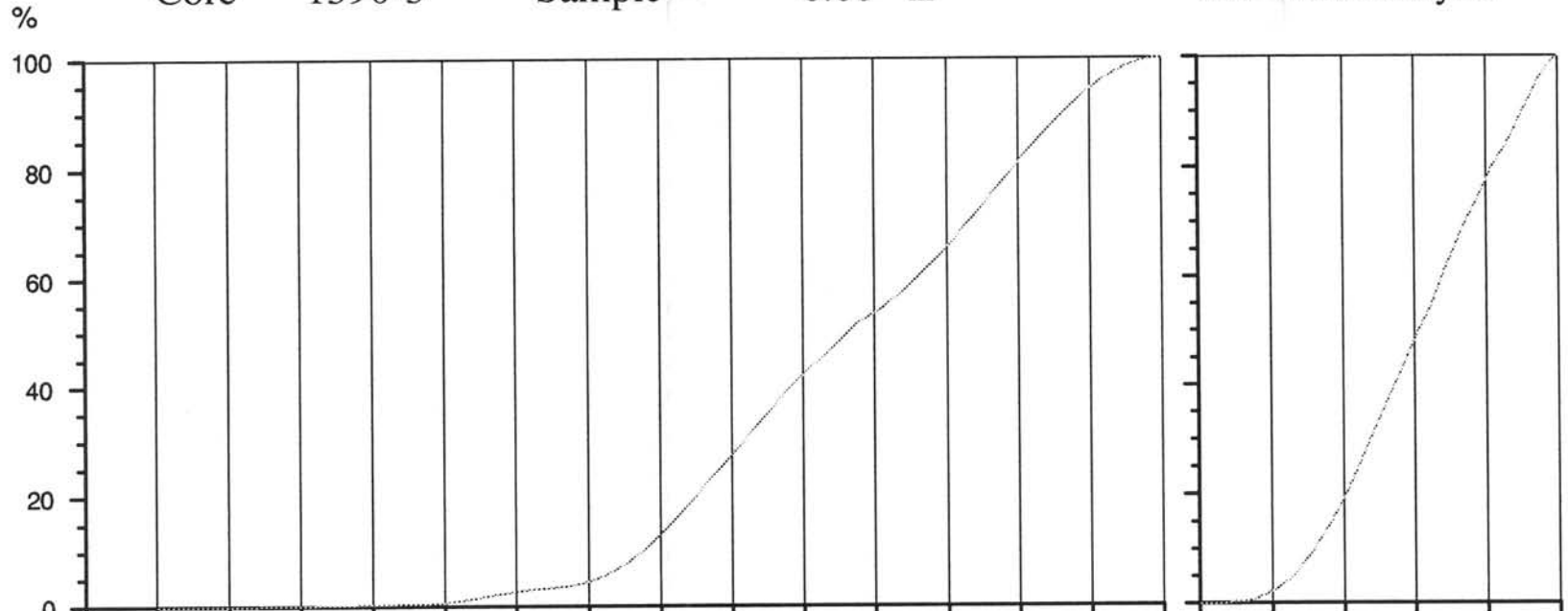
1390-3

Sample

6.60 m

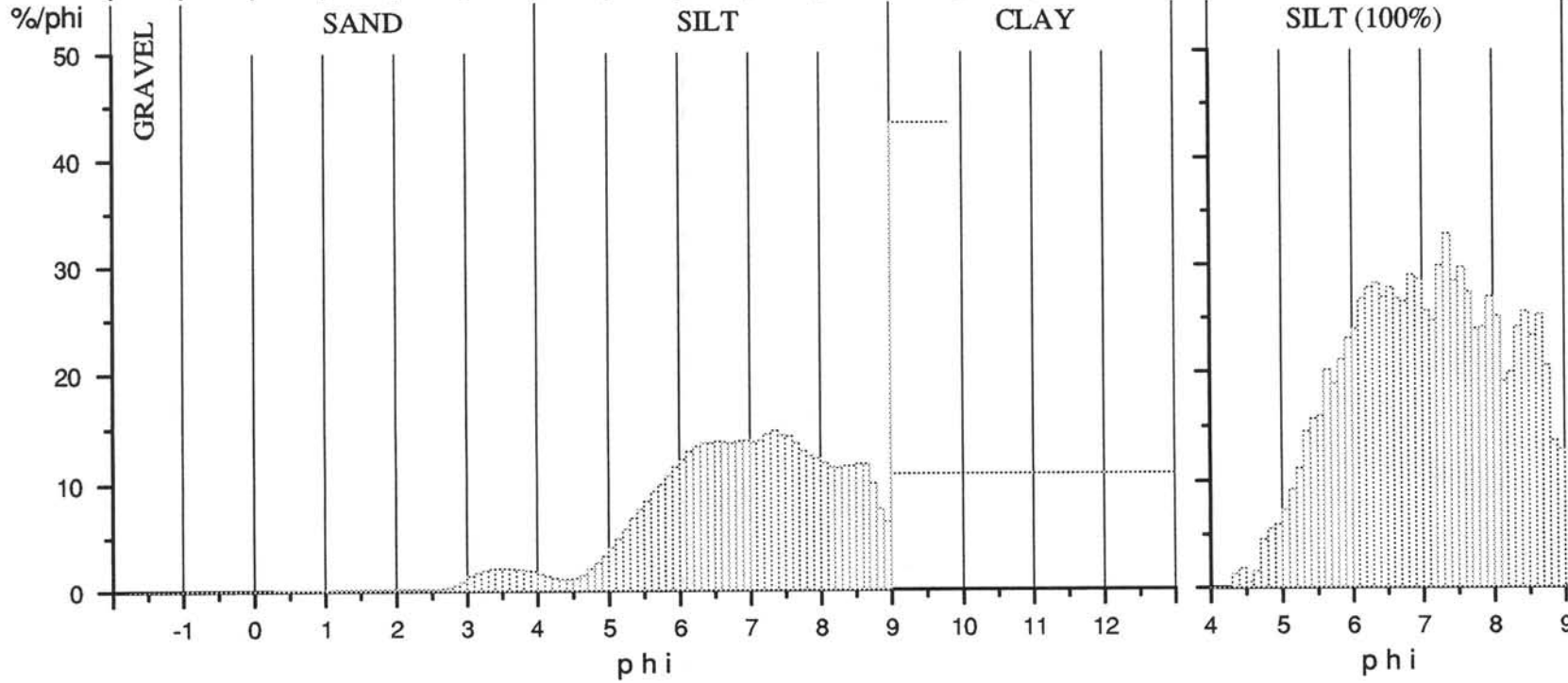
Grain Size Analysis

AWI



GRAV	0.0
SAND	2.8
SILT	50.6
CLAY	46.5

MEAN	8.7
MEDI	8.6
SKEW	0.0
KURT	0.8
SORT	2.3



PC 5	5.1
PC 16	6.2
PC 25	6.8
PC 50	8.6
PC 75	10.6
PC 84	11.2
PC 95	12.1

Grobe, 1988

Core 1390-3 Sample 6.70 m Grain Size Analysis AWI

%

100
80
60
40
20
0

GRAV 0.4
SAND 1.9
SILT 55.1
CLAY 43.0

MEAN 8.4
MEDI 8.3
SKEW 0.1
KURT 0.7
SORT 2.4

%/phi

50
40
30
20
10
0

PC 5 5.0
PC 16 5.9
PC 25 6.5
PC 50 8.3
PC 75 10.4
PC 84 11.1
PC 95 12.0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

-1 0 1 2 3 4 5 6 7 8 9 10 11 12 4 5 6 7 8 9

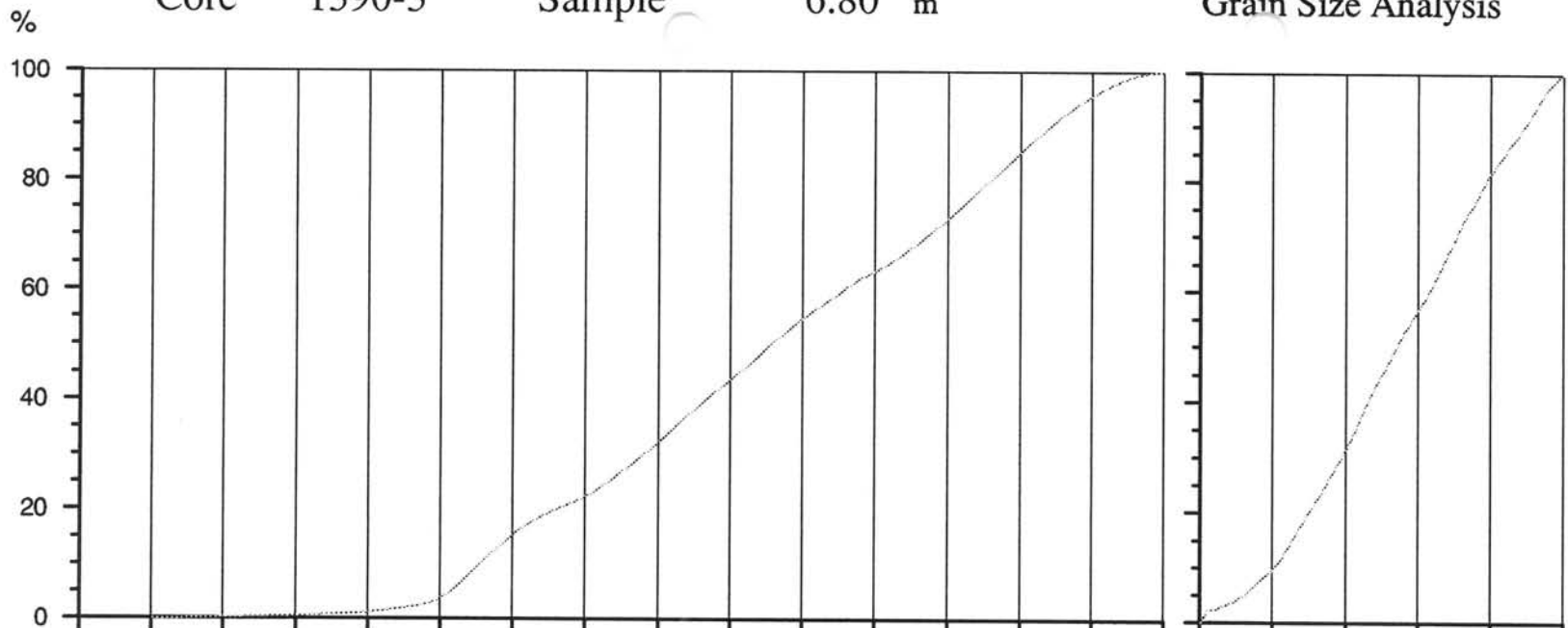
phi

phi

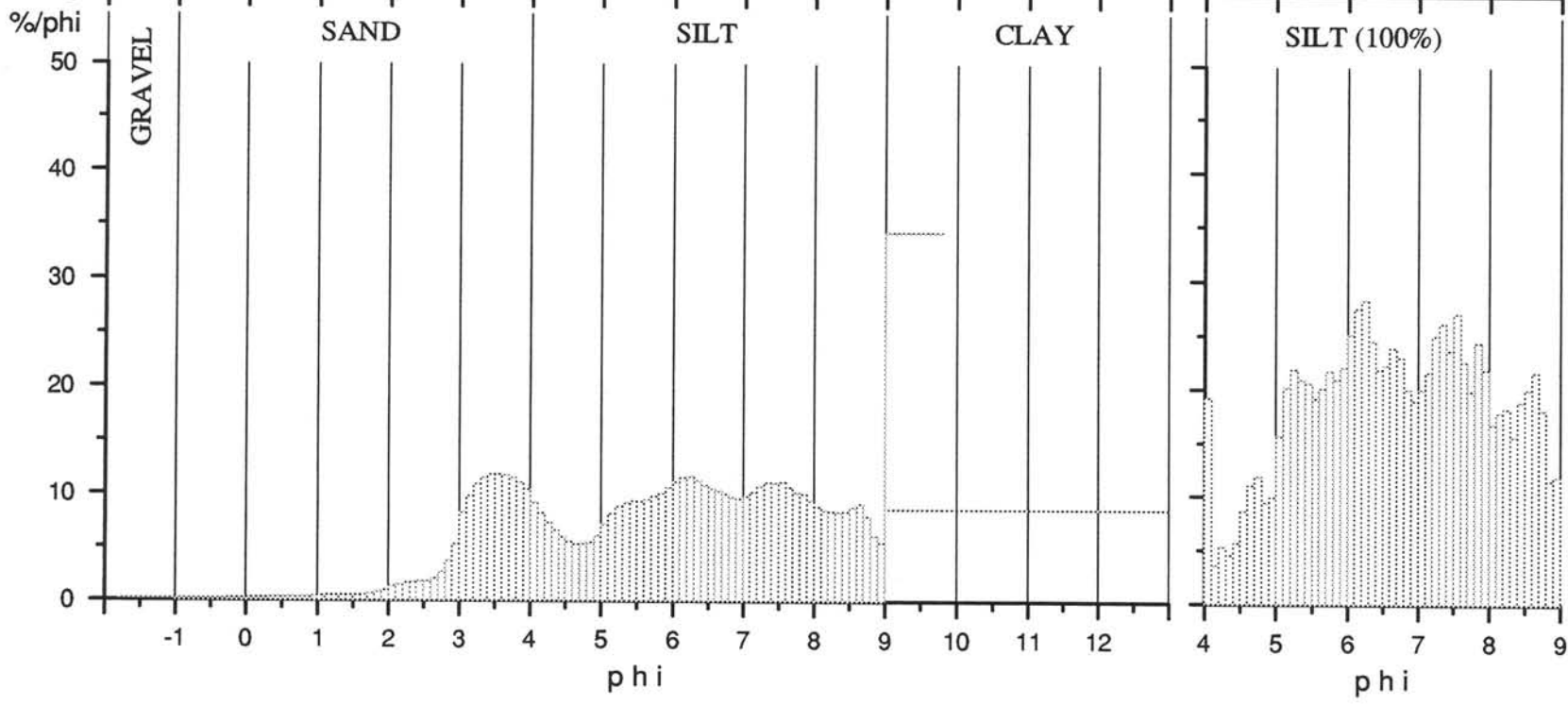
Grobe, 1988

Core 1390-3 Sample 6.80 m

Grain Size Analysis AWI



GRAV	0.2
SAND	16.2
SILT	47.1
CLAY	36.7
MEAN	7.5
MEDI	7.6
SKEW	-0.0
KURT	0.7
SORT	3.0



PC 5	3.1
PC 16	4.0
PC 25	5.3
PC 50	7.6
PC 75	10.2
PC 84	10.9
PC 95	11.9

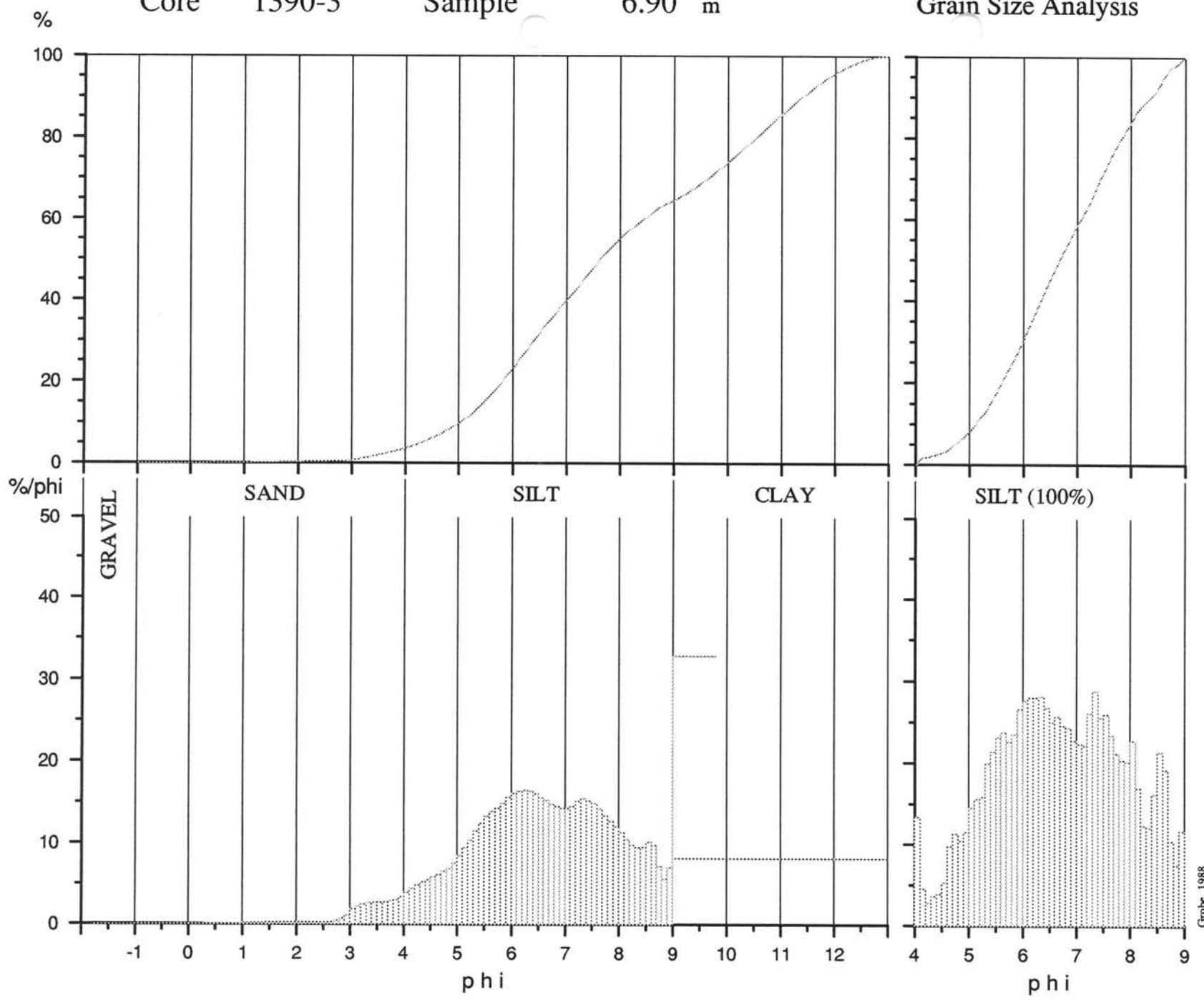
Grobe, 1988

Core 1390-3

Sample 6.90 m

Grain Size Analysis

AWI



Grobe, 1988

Core 1390-3

Sample 7.00 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

50

40

30

20

10

0

%/phi

GRAVEL

SAND

SILT

CLAY

SILT (100%)

Grobe, 1988

PC 5

PC 16

PC 25

PC 50

PC 75

PC 84

PC 95

GRAV 0.8

SAND 6.2

SILT 49.9

CLAY 43.9

MEAN 8.2

MEDI 8.2

SKEW -0.0

KURT 0.8

SORT 2.7

3.7

5.4

6.0

8.2

10.6

11.2

12.1

phi

phi

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

4

5

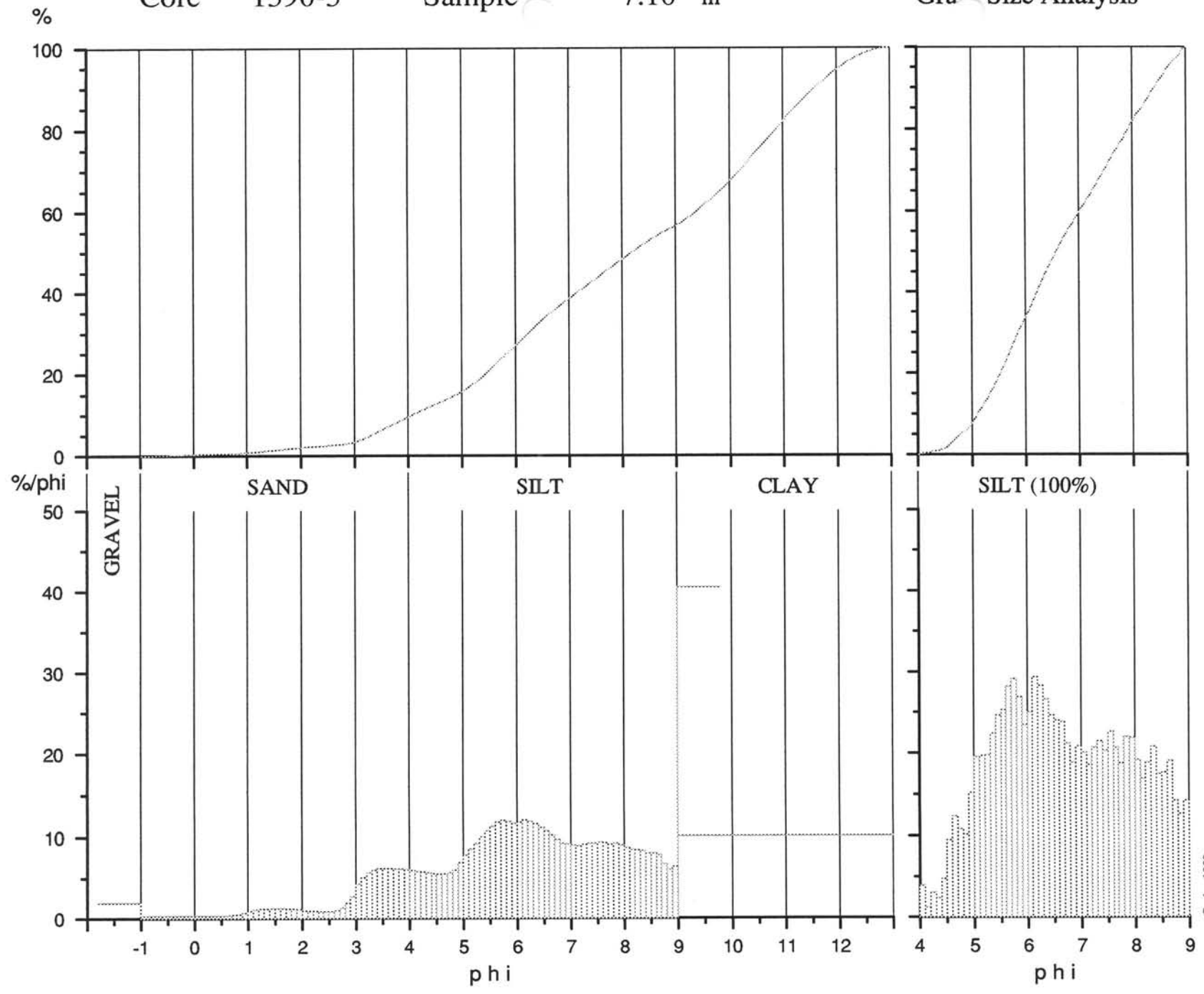
6

7

8

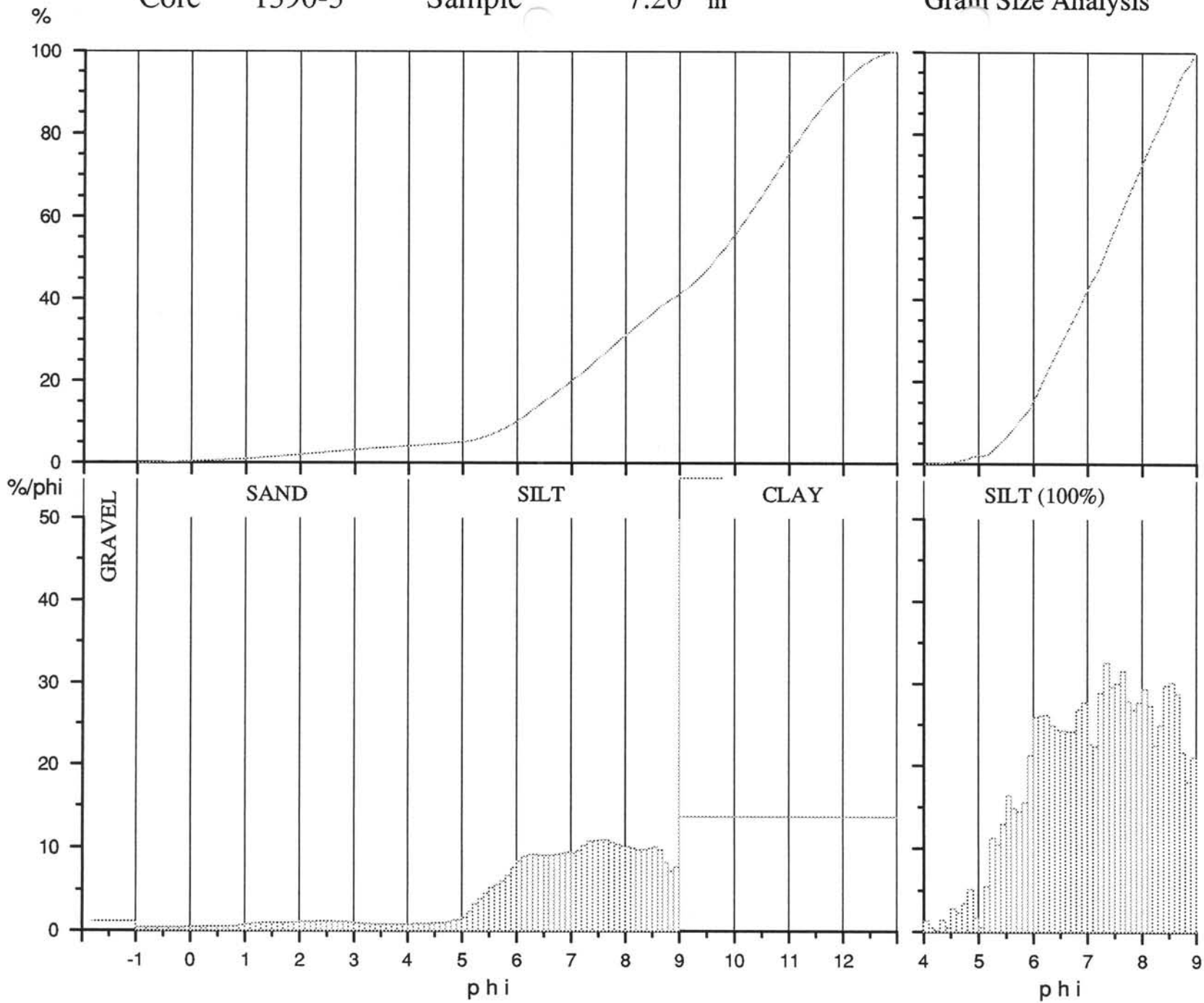
9

Core 1390-3 Sample 7.10 m Grain Size Analysis AWI



Grobe, 1988

Core 1390-3 Sample 7.20 m Grain Size Analysis AWI



GRAV	1.2
SAND	4.2
SILT	37.1
CLAY	58.8
MEAN	9.2
MEDI	9.7
SKEW	-0.3
KURT	0.9
SORT	2.3

PC 5	4.8
PC 16	6.6
PC 25	7.4
PC 50	9.7
PC 75	11.0
PC 84	11.5
PC 95	12.2

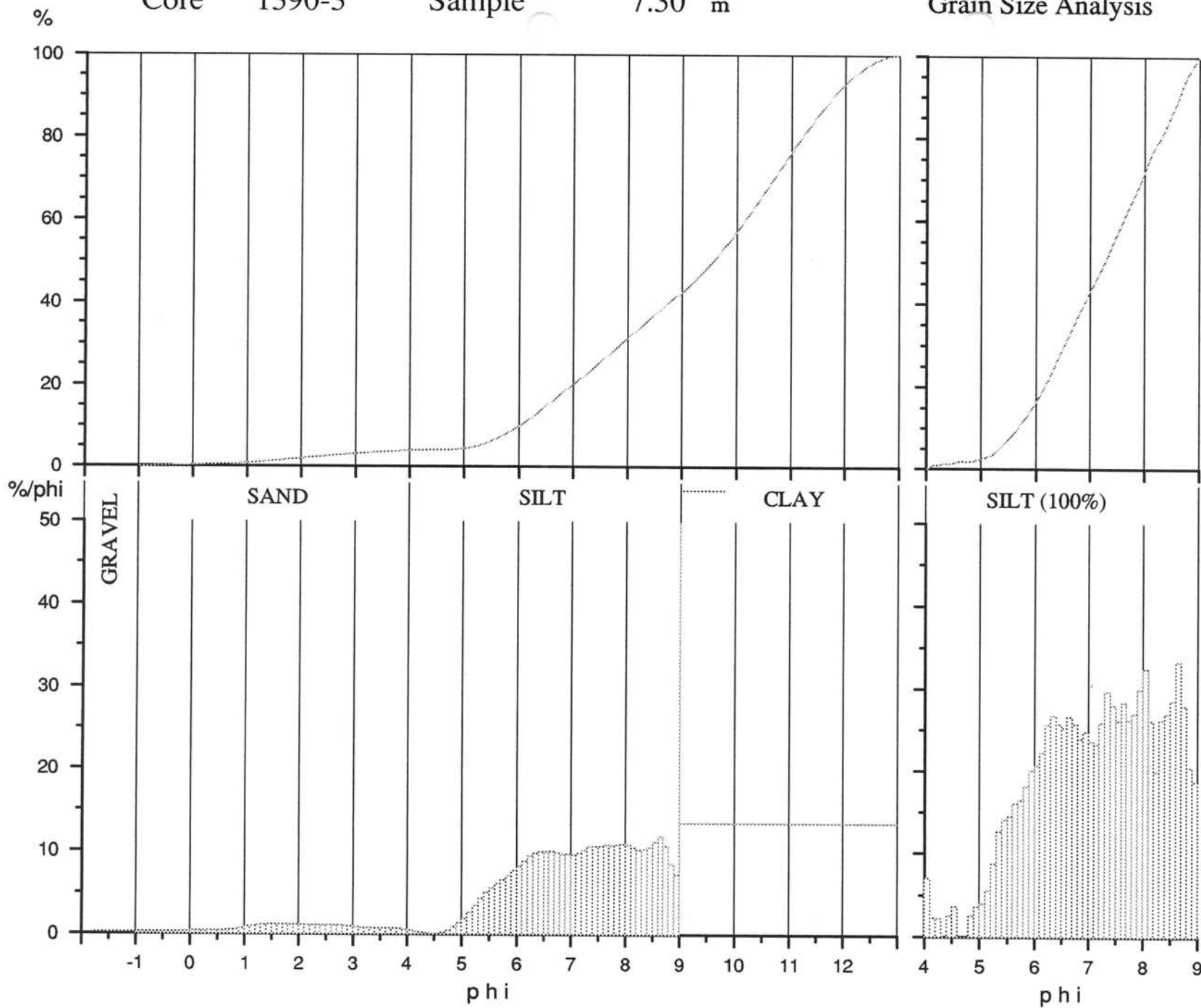
Grobe, 1988

Core 1390-3

Sample 7.30 m

Grain Size Analysis

AWI



Grobs, 1988

Core 1390-3

Sample 7.40 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.5

SAND 5.1

SILT 40.4

CLAY 54.5

MEAN 9.0

MEDI 9.4

SKEW -0.3

KURT 0.8

SORT 2.6

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.8

PC 16 6.1

PC 25 6.9

PC 50 9.4

PC 75 10.9

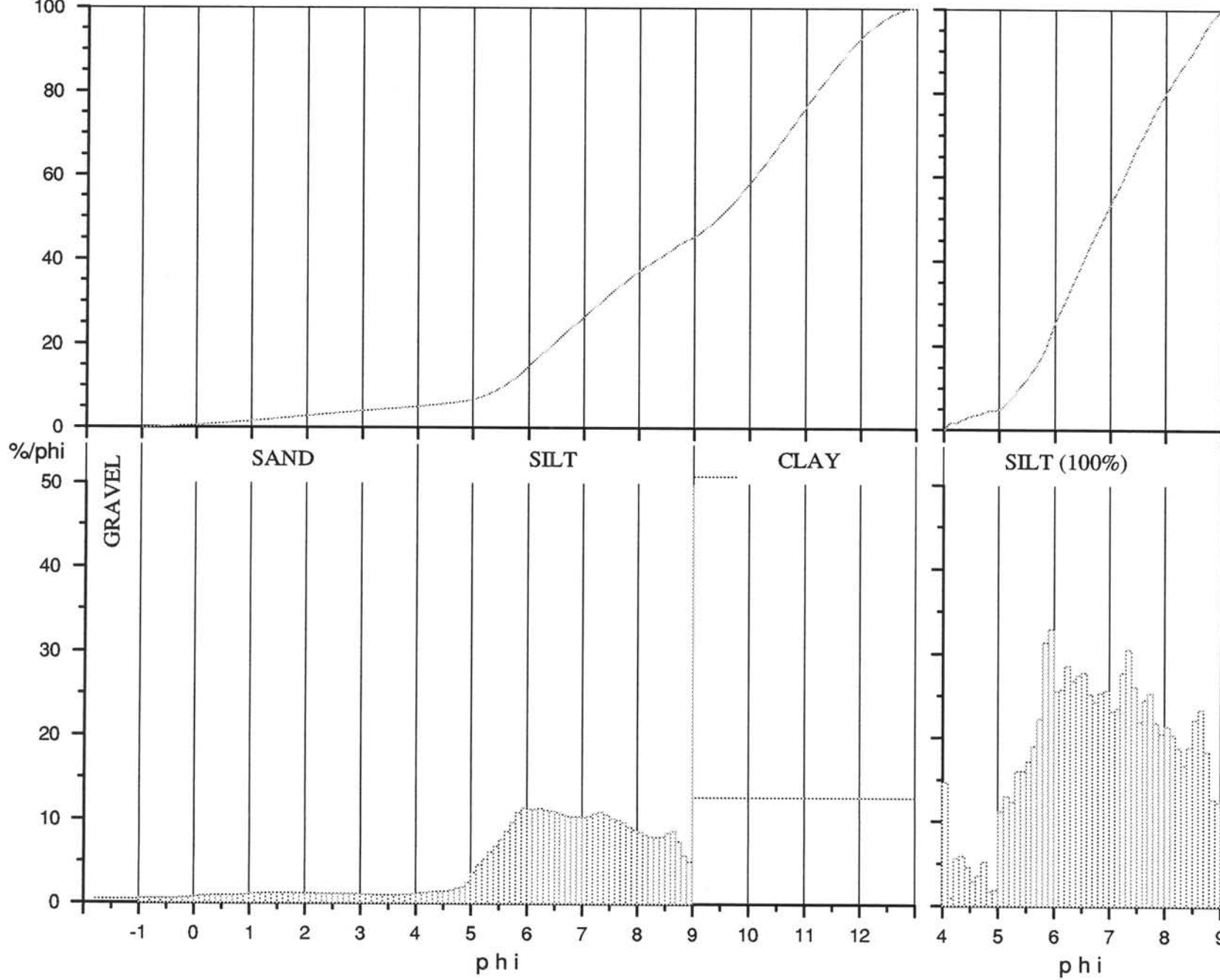
PC 84 11.4

PC 95 12.2

phi

phi

Grobe, 1988

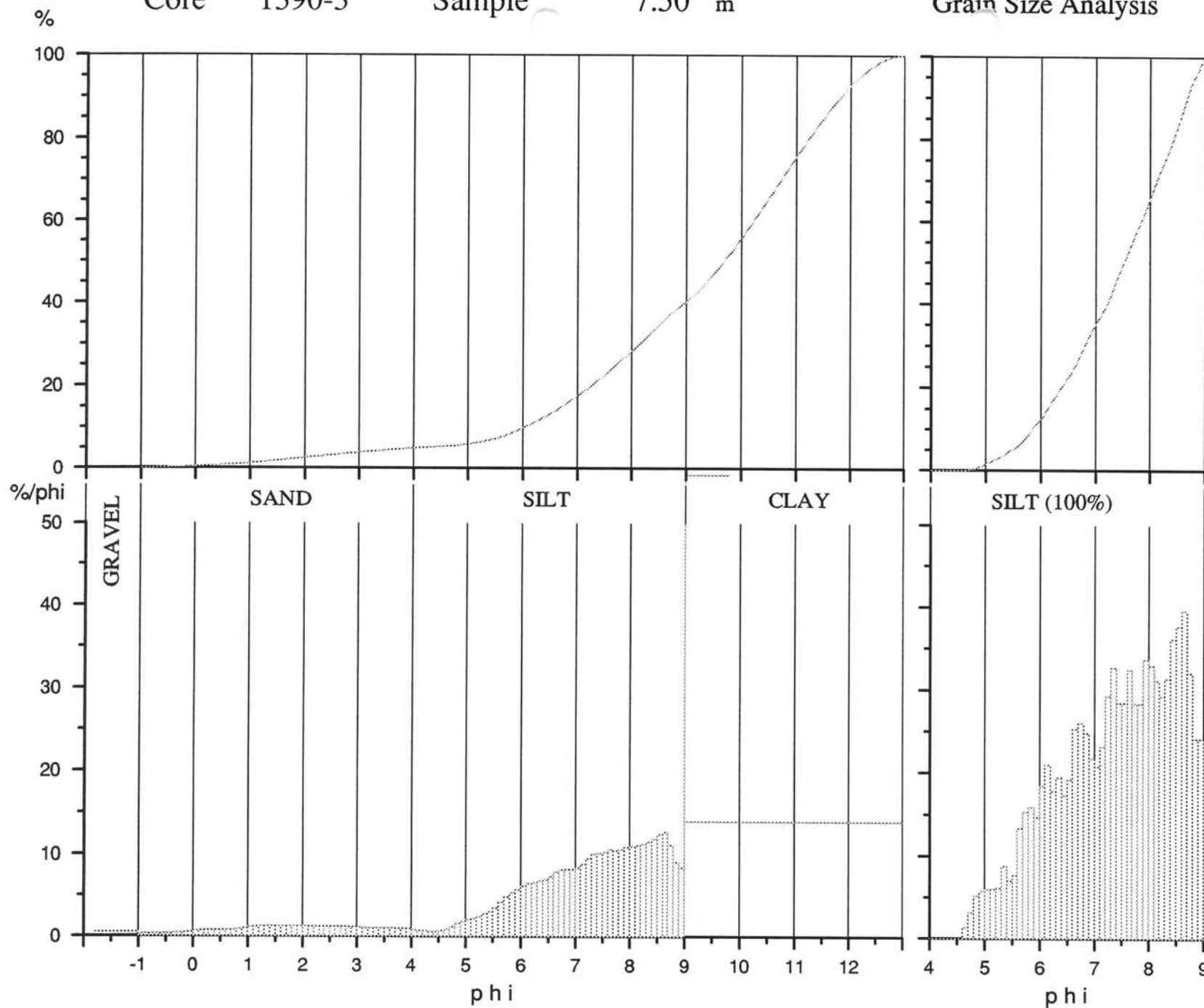


Core 1390-3

Sample 7.50 m

Grain Size Analysis

AWI



GRAV	0.6
SAND	5.1
SILT	35.1
CLAY	59.9
MEAN	9.3
MEDI	9.7
SKEW	-0.3
KURT	1.0
SORT	2.4

PC 5	4.0
PC 16	6.8
PC 25	7.7
PC 50	9.7
PC 75	11.0
PC 84	11.4
PC 95	12.2

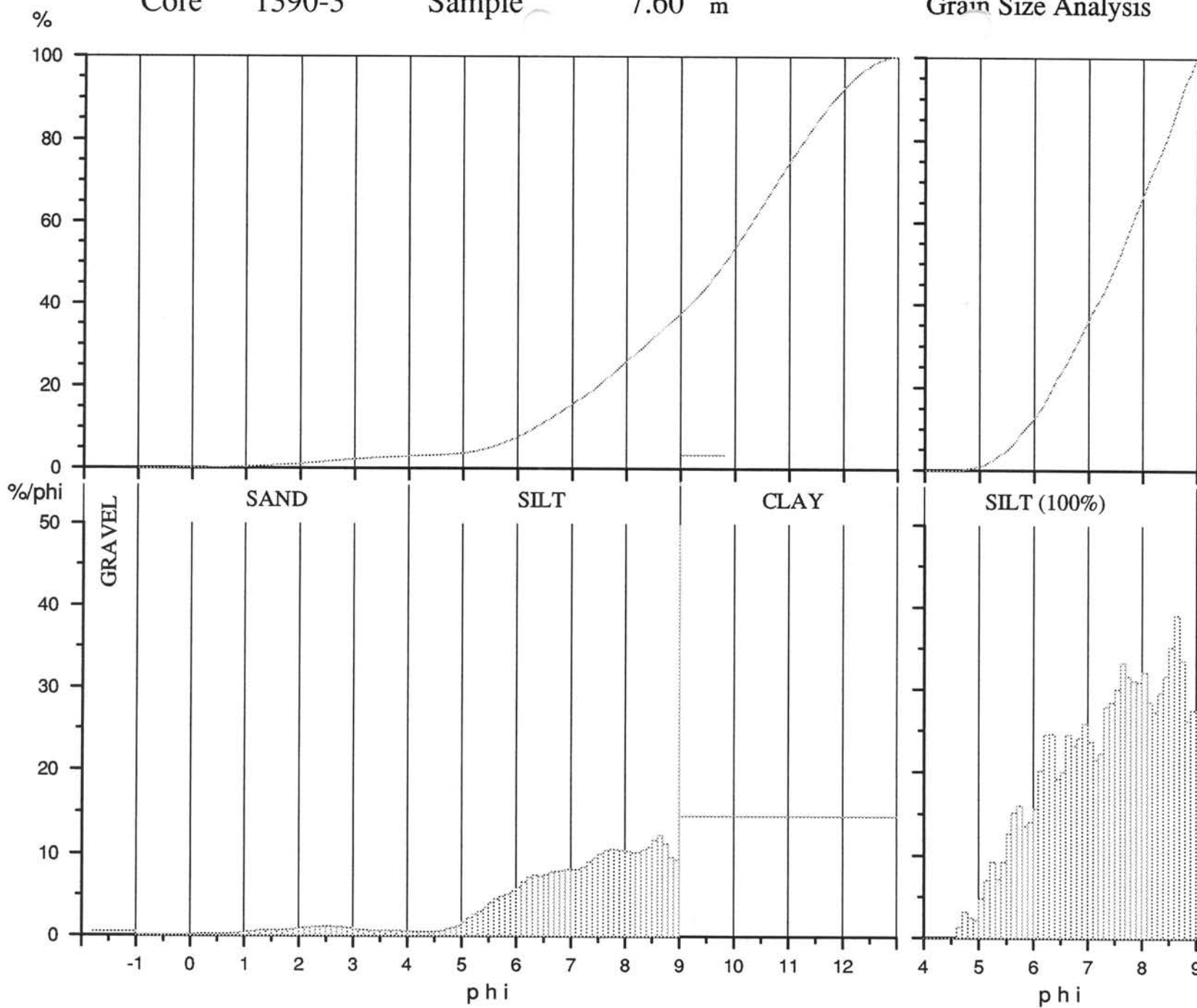
Grobe, 1988

Core 1390-3

Sample 7.60 m

Grain Size Analysis

AWI



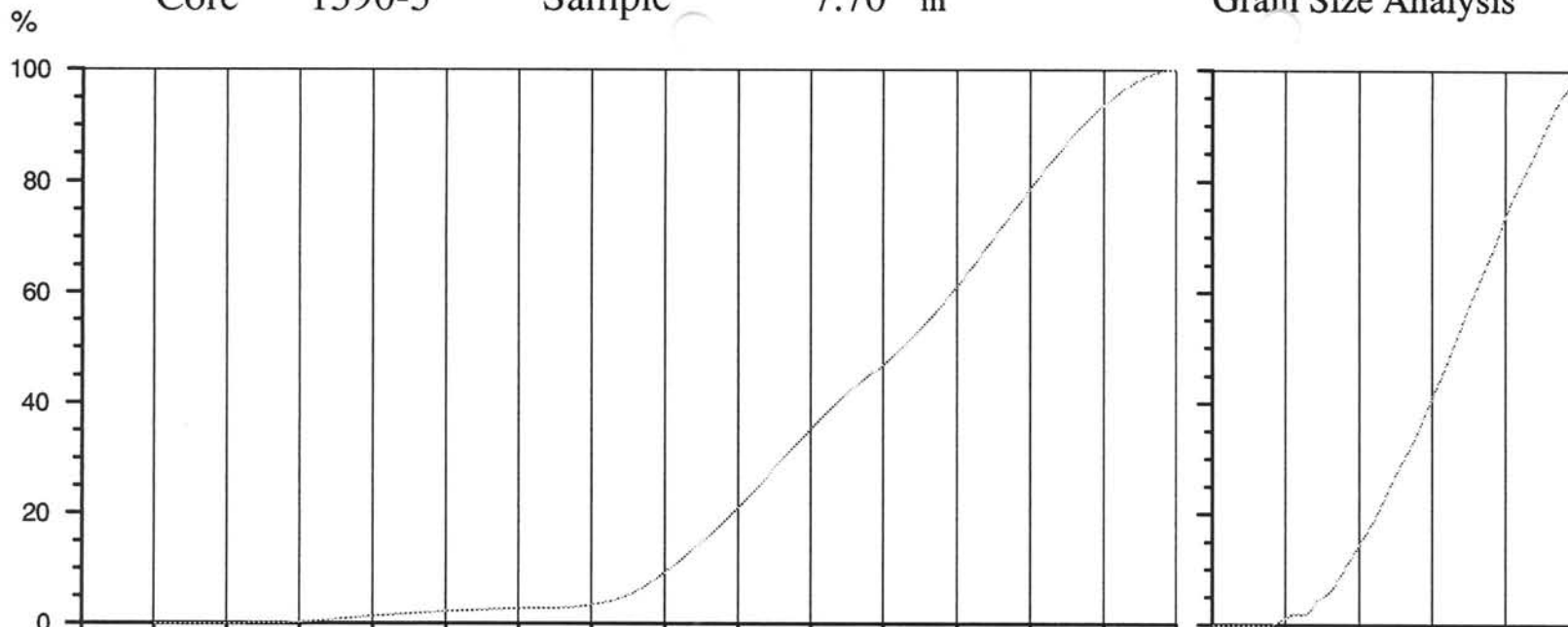
Grobe, 1988

Core 1390-3

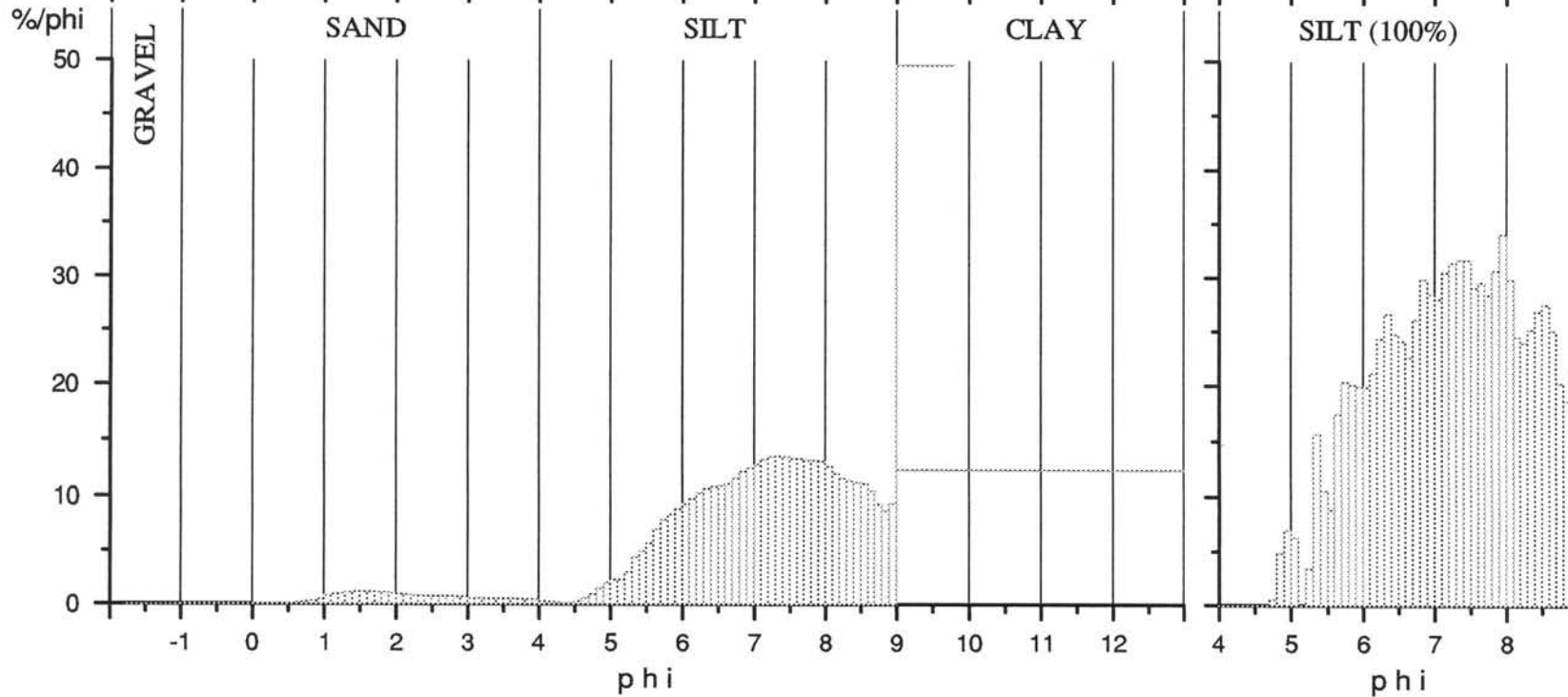
Sample 7.70 m

Grain Size Analysis

AWI



GRAV	0.0
SAND	2.8
SILT	44.1
CLAY	53.1
MEAN	9.1
MEDI	9.3
SKEW	-0.1
KURT	0.8
SORT	2.2



PC 5	5.4
PC 16	6.6
PC 25	7.3
PC 50	9.3
PC 75	10.8
PC 84	11.3
PC 95	12.1

Grobe, 1988

Core 1390-3

Sample 7.80 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

4

5

6

7

8

9

phi

Grobe, 1988

GRAV 0.1

SAND 3.5

SILT 41.9

CLAY 54.7

MEAN 9.1

MEDI 9.4

SKEW -0.2

KURT 0.8

SORT 2.3

PC 5 5.4

PC 16 6.5

PC 25 7.2

PC 50 9.4

PC 75 10.9

PC 84 11.4

PC 95 12.2

GRAVEL

SAND

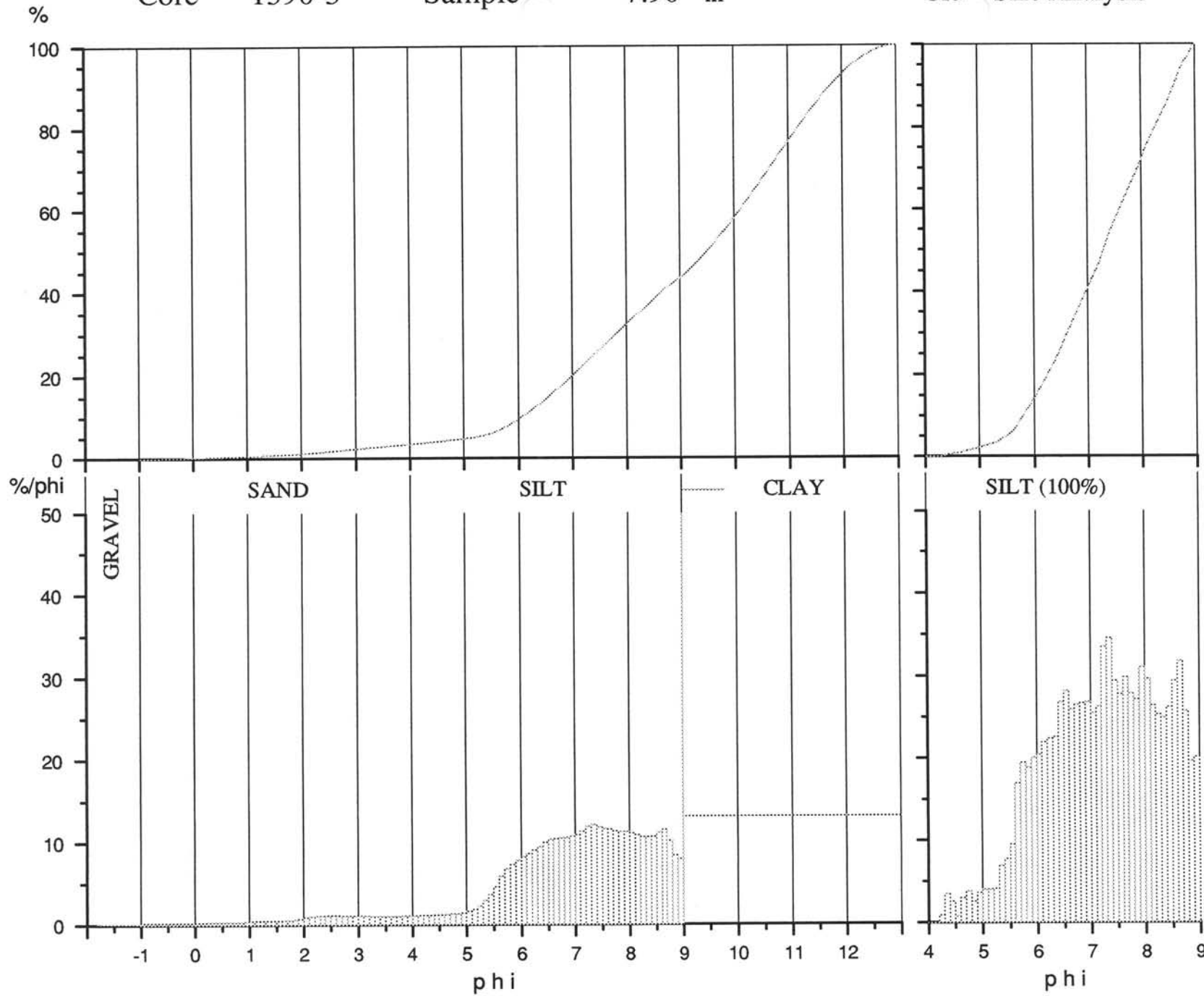
SILT

CLAY

SILT (100%)

Core 1390-3 Sample 7.90 m

Grain Size Analysis AWI



GRAV	0.1
SAND	3.6
SILT	39.9
CLAY	56.5

MEAN	9.2
MEDI	9.5
SKEW	-0.2
KURT	0.8
SORT	2.3

PC 5	5.1
PC 16	6.6
PC 25	7.4
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.2

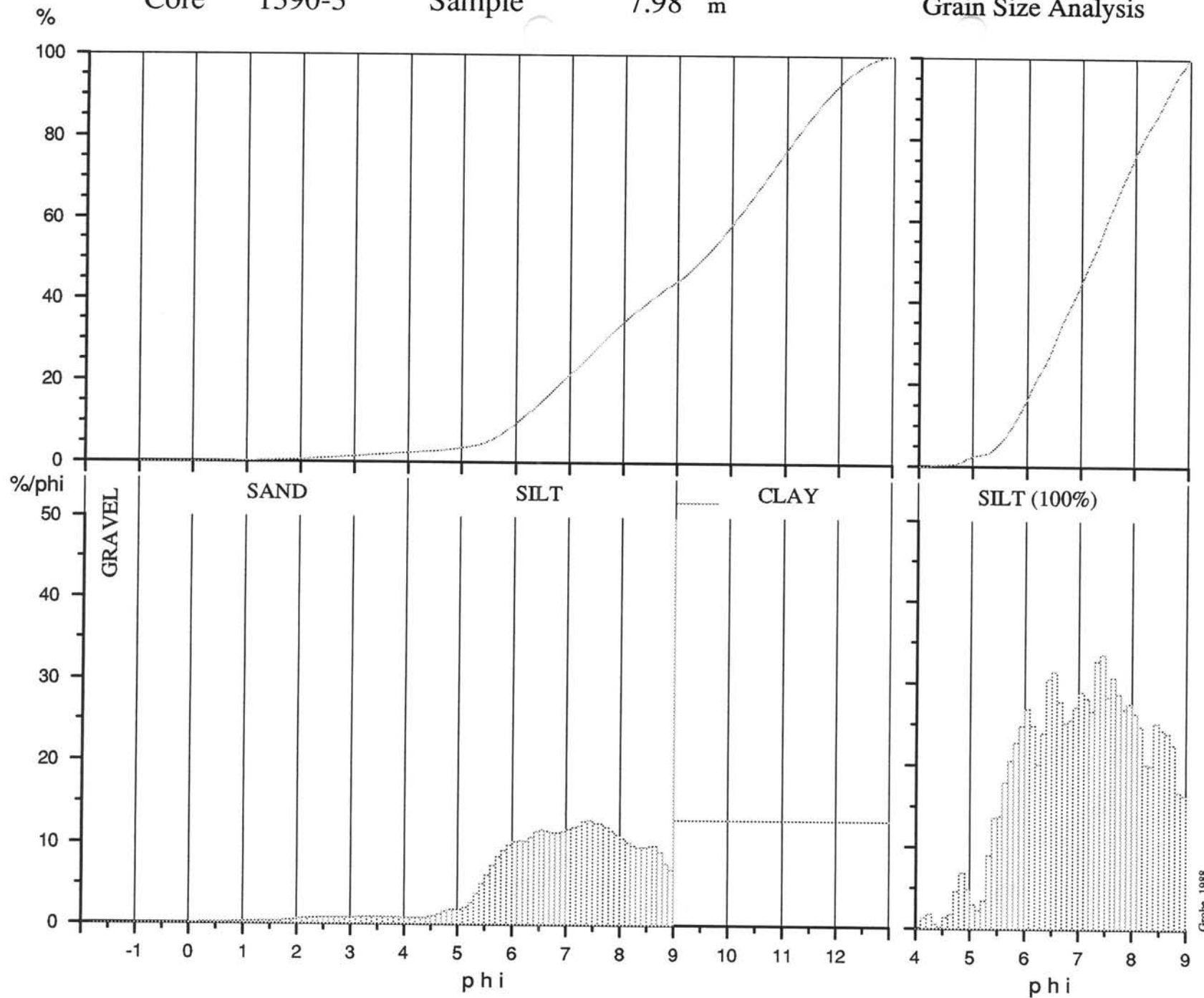
Grobe, 1988

Core 1390-3

Sample 7.98 m

Grain Size Analysis

AWI



GRAV	0.0
SAND	2.4
SILT	42.0
CLAY	55.6
MEAN	9.1
MEDI	9.5
SKEW	-0.2
KURT	0.8
SORT	2.2

PC 5	5.4
PC 16	6.5
PC 25	7.3
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.2

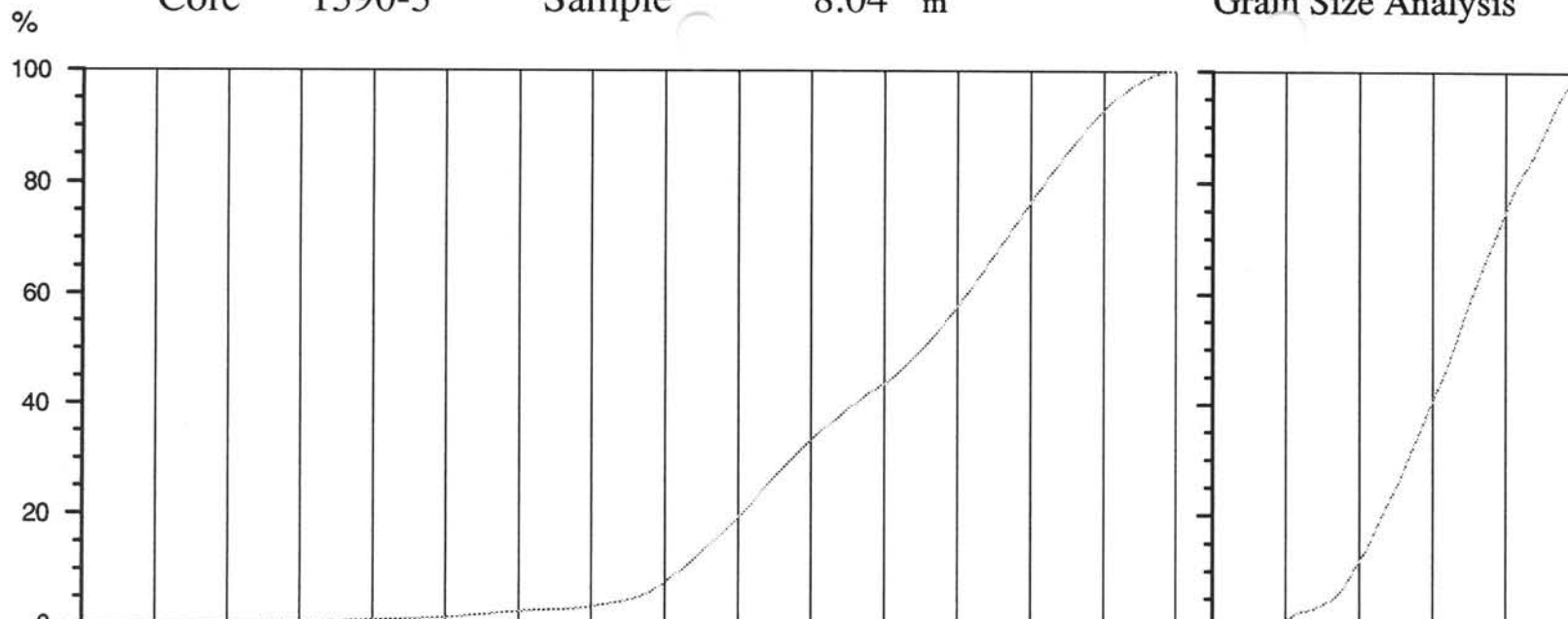
Grobe, 1988

Core 1390-3

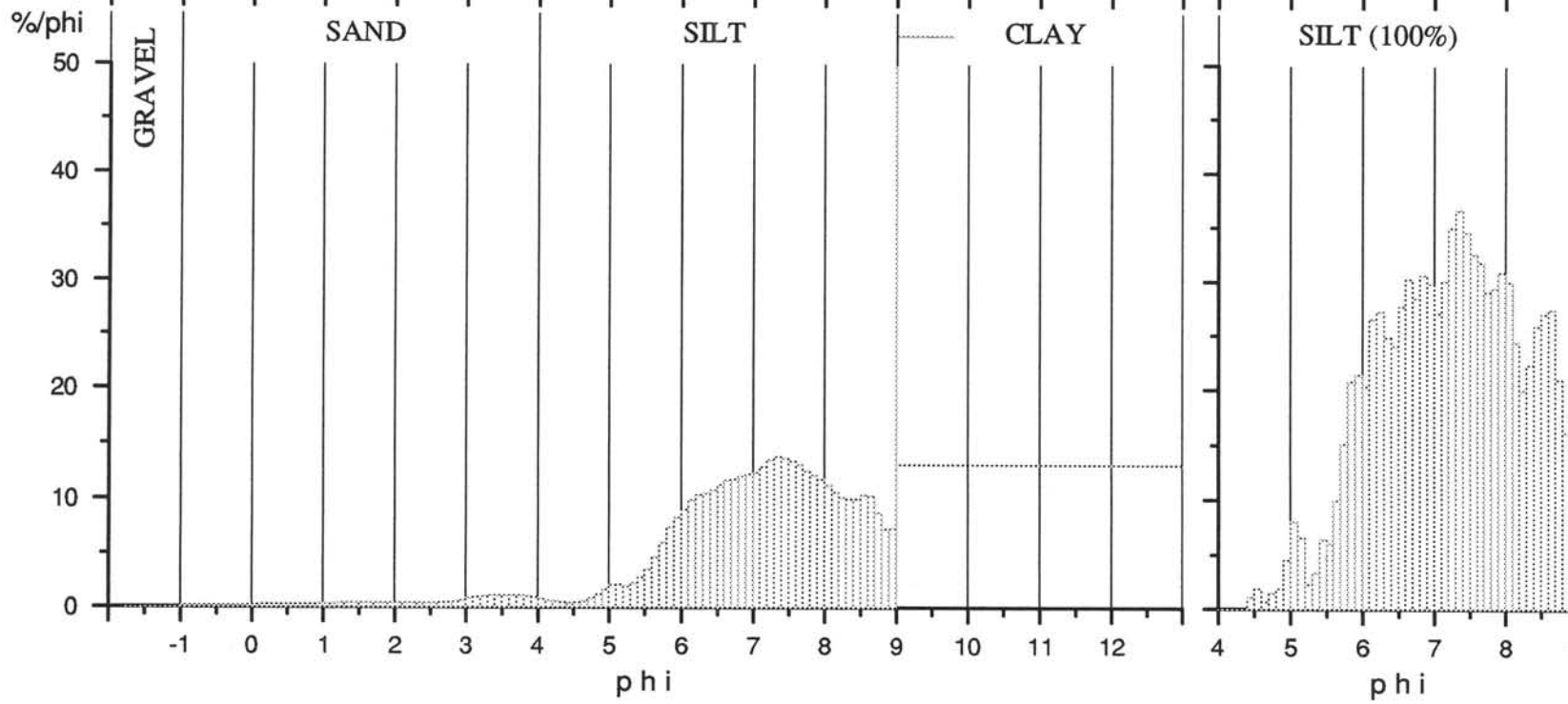
Sample 8.04 m

Grain Size Analysis

AWI



GRAV	0.0
SAND	2.6
SILT	41.1
CLAY	56.3
MEAN	9.2
MEDI	9.5
SKEW	-0.2
KURT	0.8
SORT	2.2



PC 5	5.6
PC 16	6.7
PC 25	7.4
PC 50	9.5
PC 75	10.9
PC 84	11.4
PC 95	12.2

Grobe, 1988

Core 1390-3

Sample 8.12 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 1.1

SAND 8.6

SILT 40.2

CLAY 51.2

MEAN 8.8

MEDI 9.1

SKEW -0.3

KURT 0.9

SORT 2.7

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.0

PC 16 6.0

PC 25 6.8

PC 50 9.1

PC 75 10.8

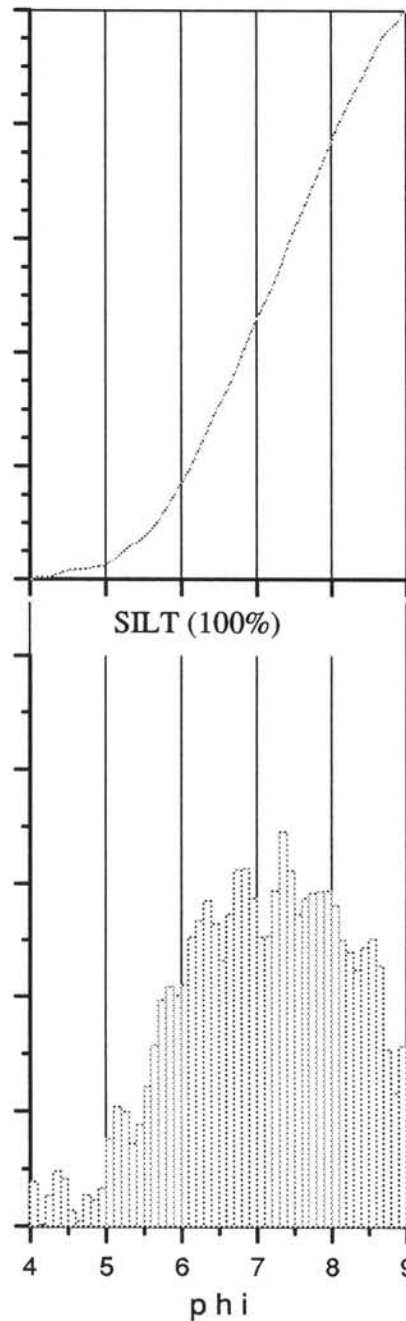
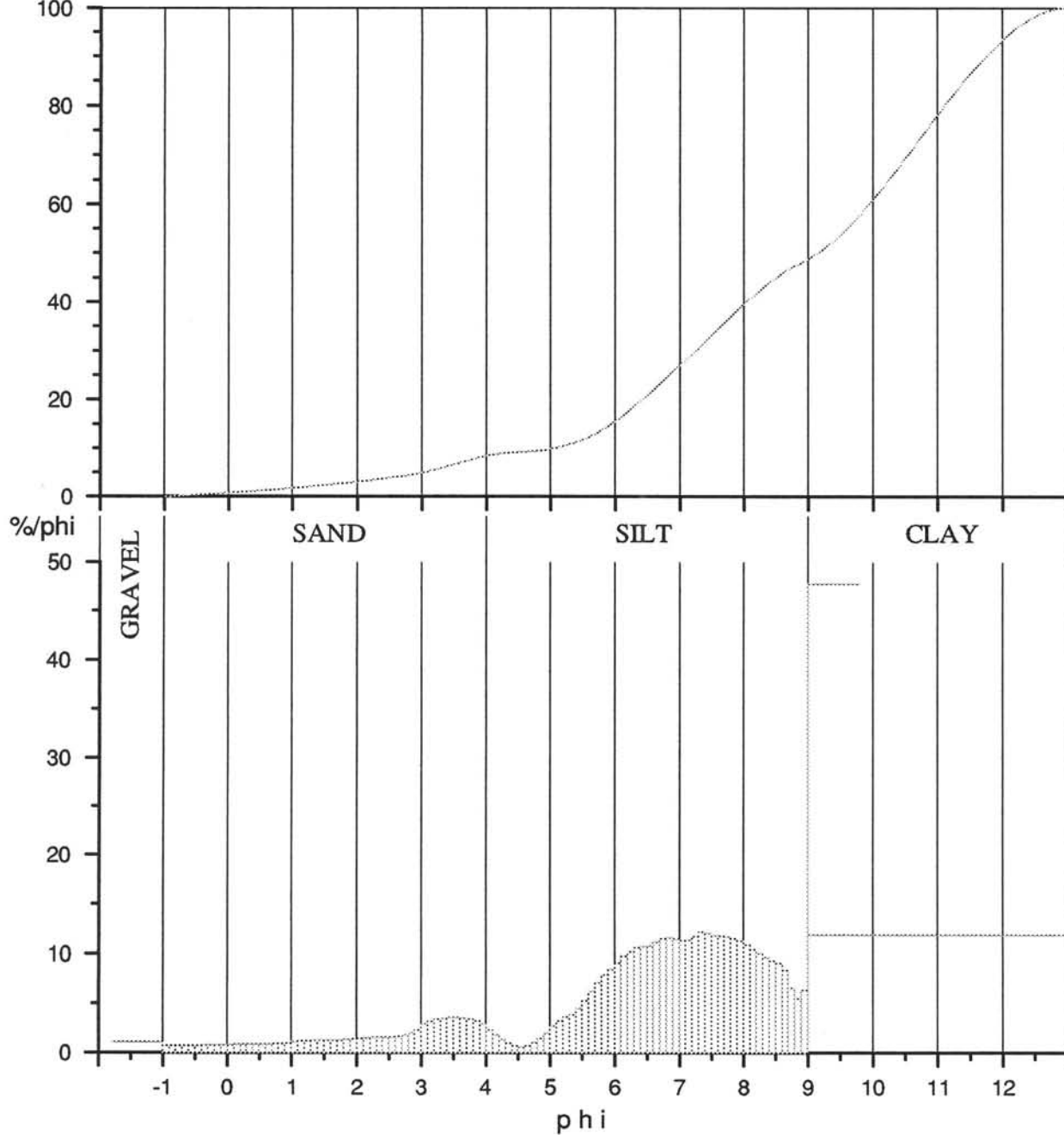
PC 84 11.4

PC 95 12.1

phi

phi

Grobe, 1988



Core 1390-3

Sample 8.22 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 6.5

SILT 43.1

CLAY 50.4

MEAN 8.8

MEDI 9.0

SKEW -0.2

KURT 0.9

SORT 2.6

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.7

PC 16 6.2

PC 25 6.9

PC 50 9.0

PC 75 10.8

PC 84 11.3

PC 95 12.1

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

phi

Grobe, 1988

Core 1390-3

Sample 8.30 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.1

SAND 2.6

SILT 55.6

CLAY 41.8

MEAN 8.4

MEDI 8.2

SKEW 0.1

KURT 0.7

SORT 2.3

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 5.0

PC 16 6.0

PC 25 6.5

PC 50 8.2

PC 75 10.4

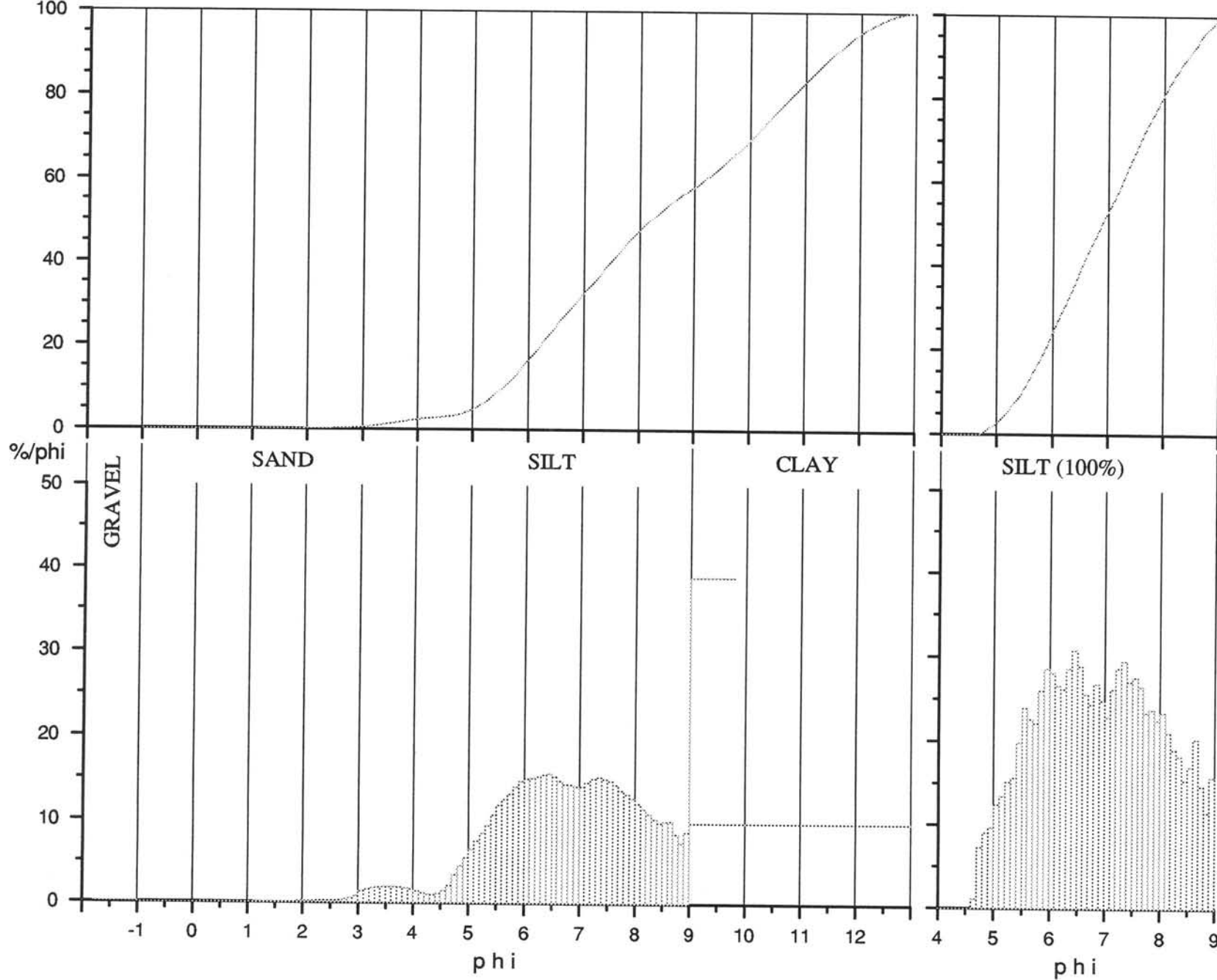
PC 84 11.0

PC 95 12.0

phi

phi

Grobe, 1988



Core 1390-3

Sample 8.39 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

4

5

6

7

8

9

phi

Grobe, 1988

GRAV 0.0

SAND 34.5

SILT 50.4

CLAY 15.2

MEAN 5.7

MEDI 5.1

SKEW 0.4

KURT 1.0

SORT 2.6

PC 5 2.9

PC 16 3.4

PC 25 3.7

PC 50 5.1

PC 75 7.0

PC 84 8.6

PC 95 11.4

Core 1390-3

Sample 8.48 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 3.2

SILT 51.9

CLAY 44.9

MEAN 8.6

MEDI 8.4

SKEW 0.1

KURT 0.7

SORT 2.3

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 5.2

PC 16 6.2

PC 25 6.8

PC 50 8.4

PC 75 10.5

PC 84 11.1

PC 95 12.0

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

4

5

6

7

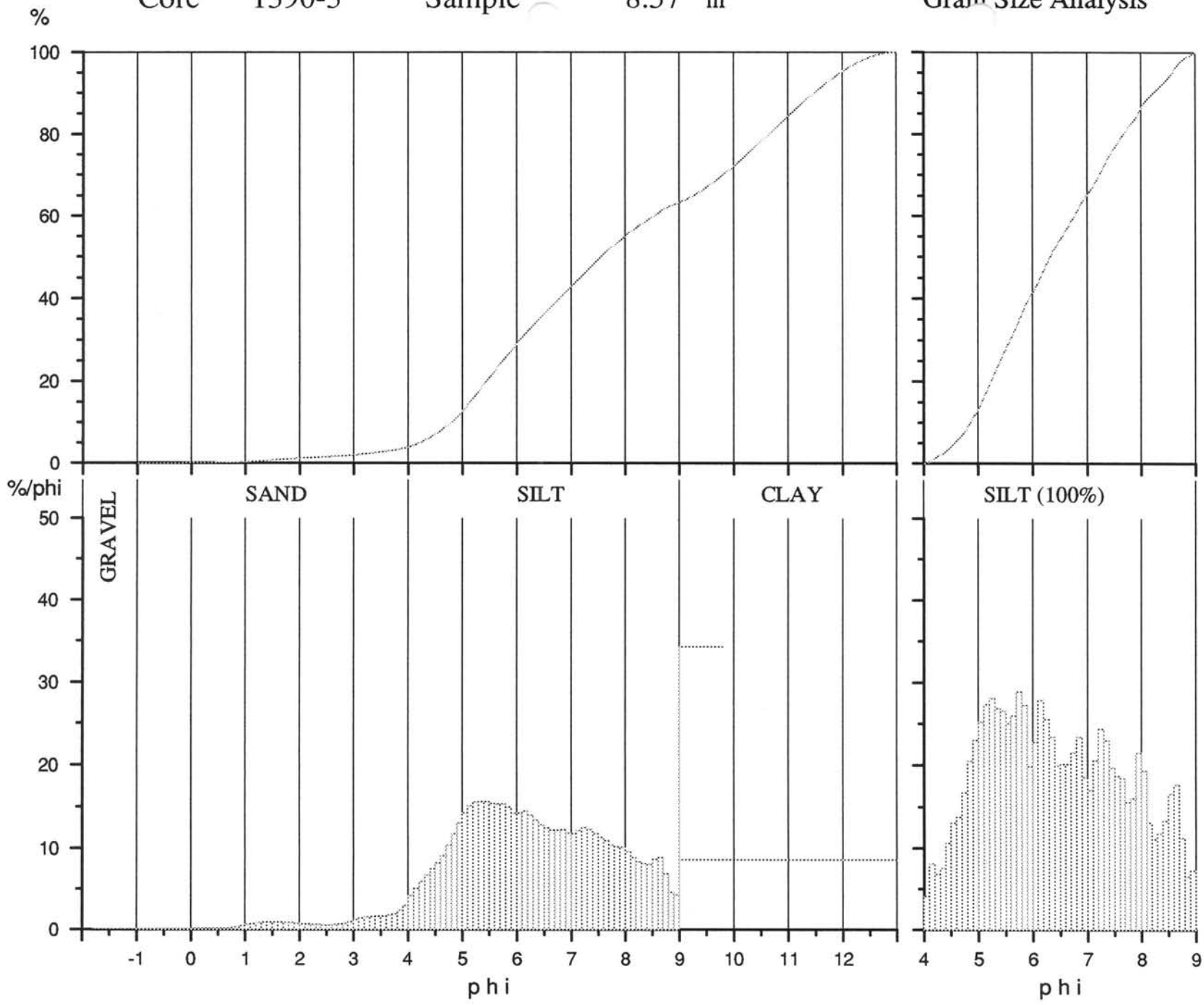
8

9

phi

Grobe, 1988

Core 1390-3 Sample 8.57 m Grain Size Analysis AWI



GRAV	0.1
SAND	3.8
SILT	59.4
CLAY	36.8
MEAN	7.9
MEDI	7.5
SKEW	0.2
KURT	0.7
SORT	2.6
PC 5	4.2
PC 16	5.2
PC 25	5.7
PC 50	7.5
PC 75	10.2
PC 84	11.0
PC 95	12.0

Grobe, 1988

Core 1390-3

Sample 8.65 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

-1

0

1

2

3

4

5

6

7

8

9

10

11

12

phi

4

5

6

7

8

9

phi

Grobs, 1988

GRAV 0.0

SAND 1.0

SILT 53.5

CLAY 45.5

MEAN 8.7

MEDI 8.5

SKEW 0.1

KURT 0.7

SORT 2.2

PC 5 5.6

PC 16 6.4

PC 25 7.0

PC 50 8.5

PC 75 10.5

PC 84 11.1

PC 95 12.0

Core 1390-3

Sample 8.74 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.8

SAND 12.6

SILT 57.6

CLAY 29.7

MEAN 7.4

MEDI 7.1

SKEW 0.1

KURT 0.8

SORT 2.8

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.3

PC 16 4.5

PC 25 5.4

PC 50 7.1

PC 75 9.6

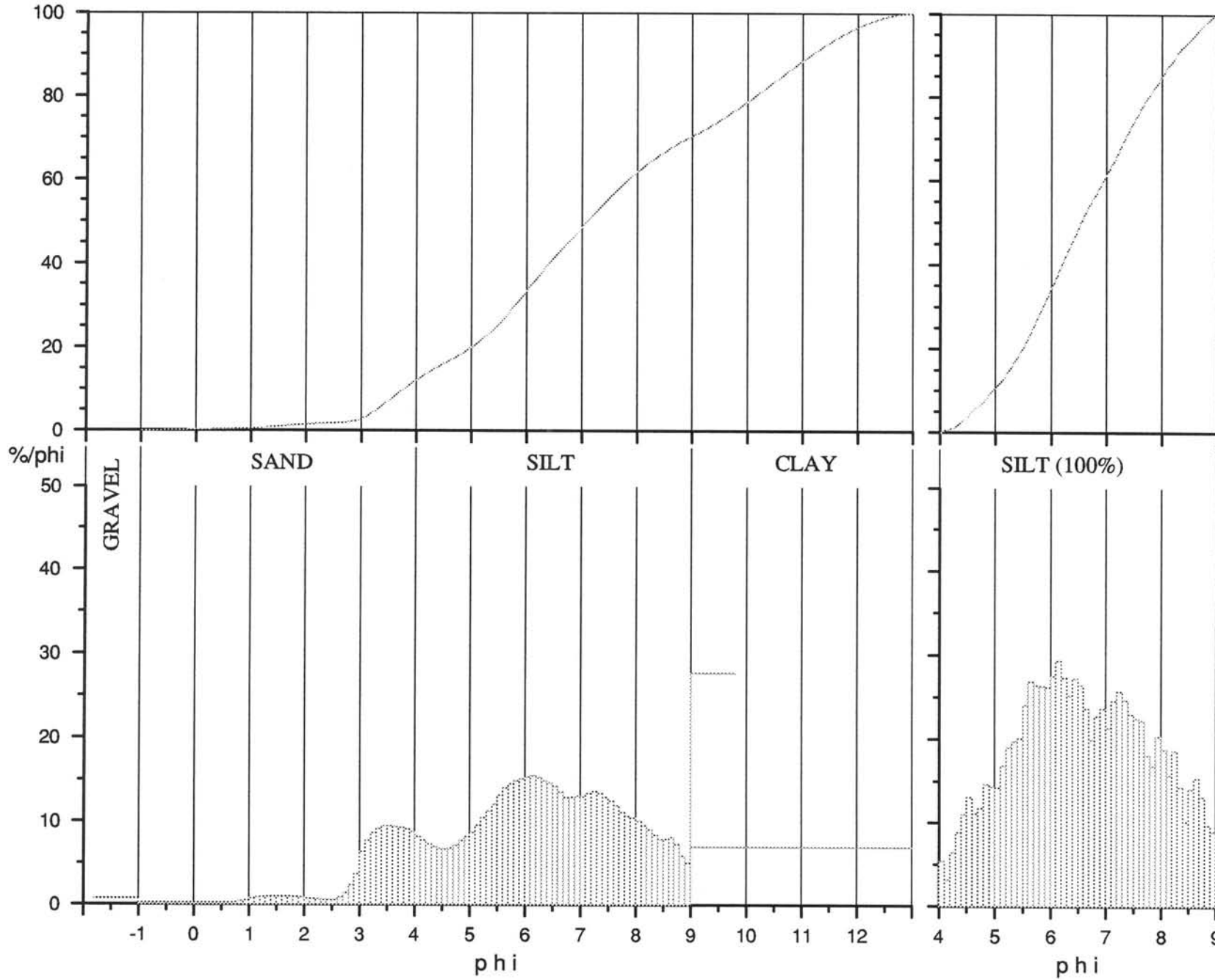
PC 84 10.5

PC 95 11.8

phi

phi

Grobe, 1988

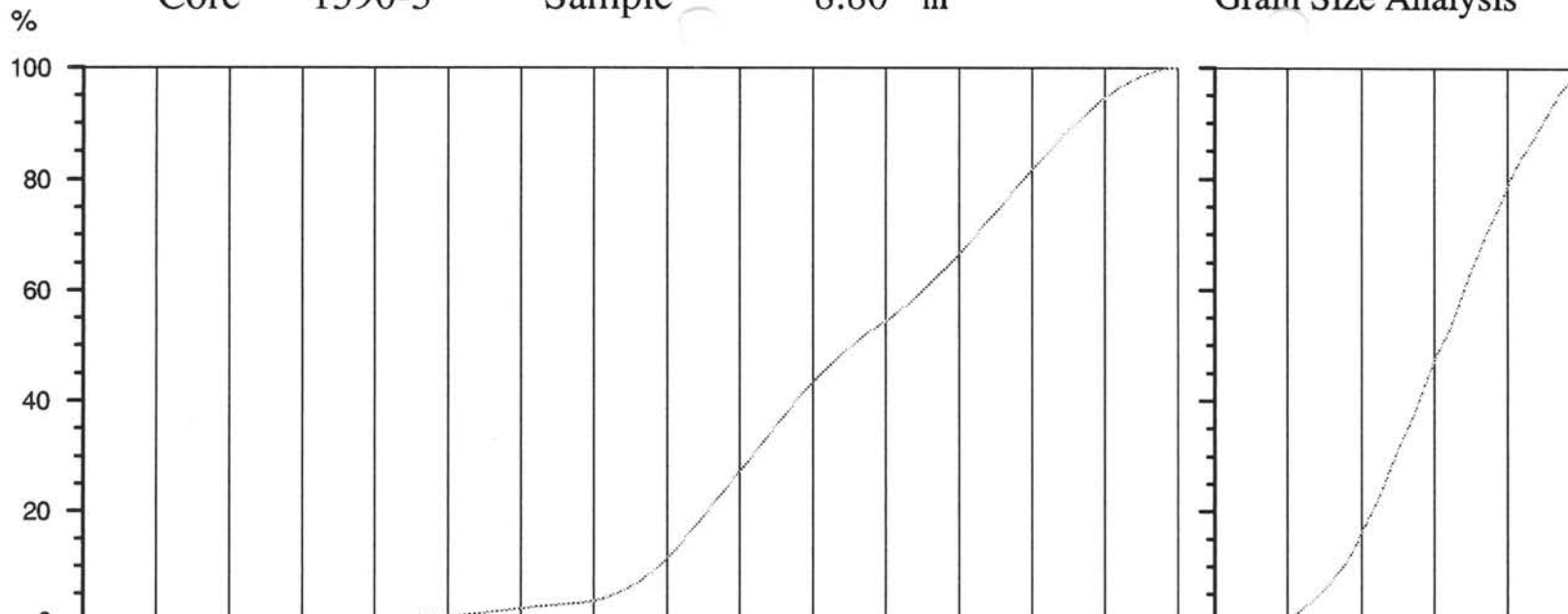


Core 1390-3

Sample 8.80 m

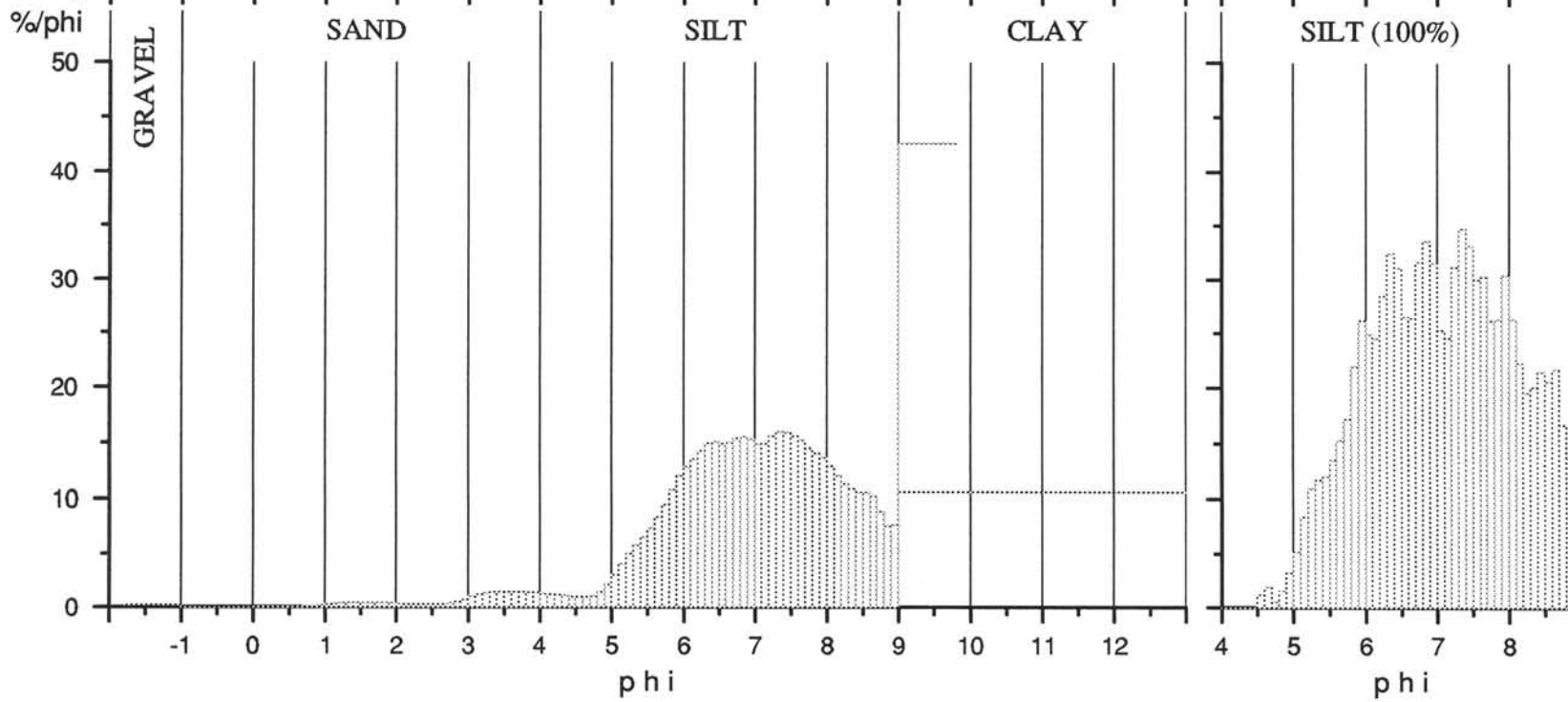
Grain Size Analysis

AWI



GRAV 0.3
SAND 2.5
SILT 51.9
CLAY 45.6

MEAN 8.7
MEDI 8.5
SKEW 0.1
KURT 0.7
SORT 2.2



PC 5 5.3
PC 16 6.3
PC 25 6.9
PC 50 8.5
PC 75 10.6
PC 84 11.2
PC 95 12.0

Grobe, 1988

Core 1390-3

Sample 8.90 m

Grain Size Analysis

AWI

%

100

80

60

40

20

0

GRAV 0.0

SAND 9.7

SILT 51.6

CLAY 38.7

MEAN 7.9

MEDI 7.8

SKEW 0.0

KURT 0.8

SORT 2.8

%/phi

50

40

30

20

10

0

GRAVEL

SAND

SILT

CLAY

SILT (100%)

PC 5 3.4

PC 16 5.0

PC 25 5.8

PC 50 7.8

PC 75 10.3

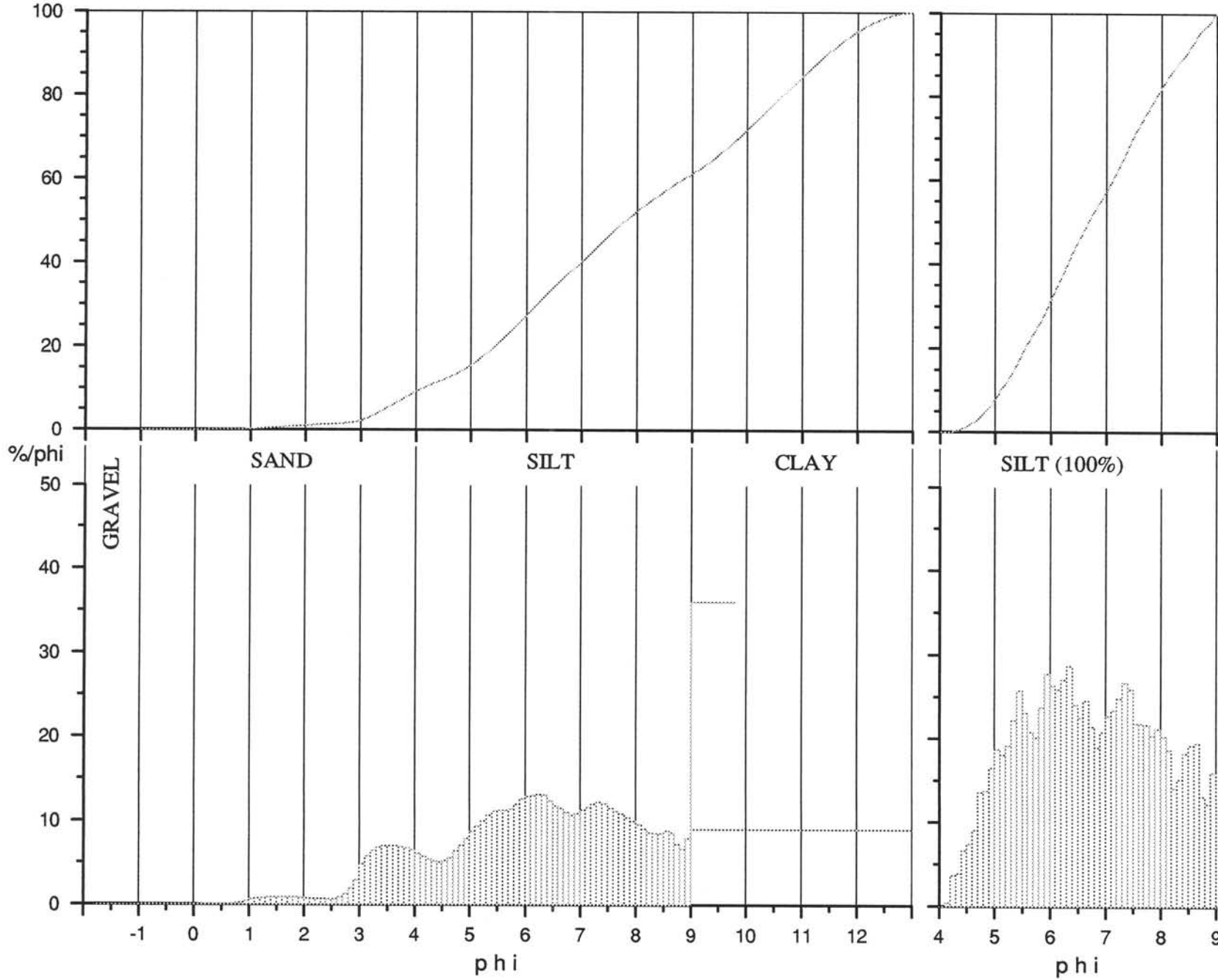
PC 84 11.0

PC 95 11.9

phi

phi

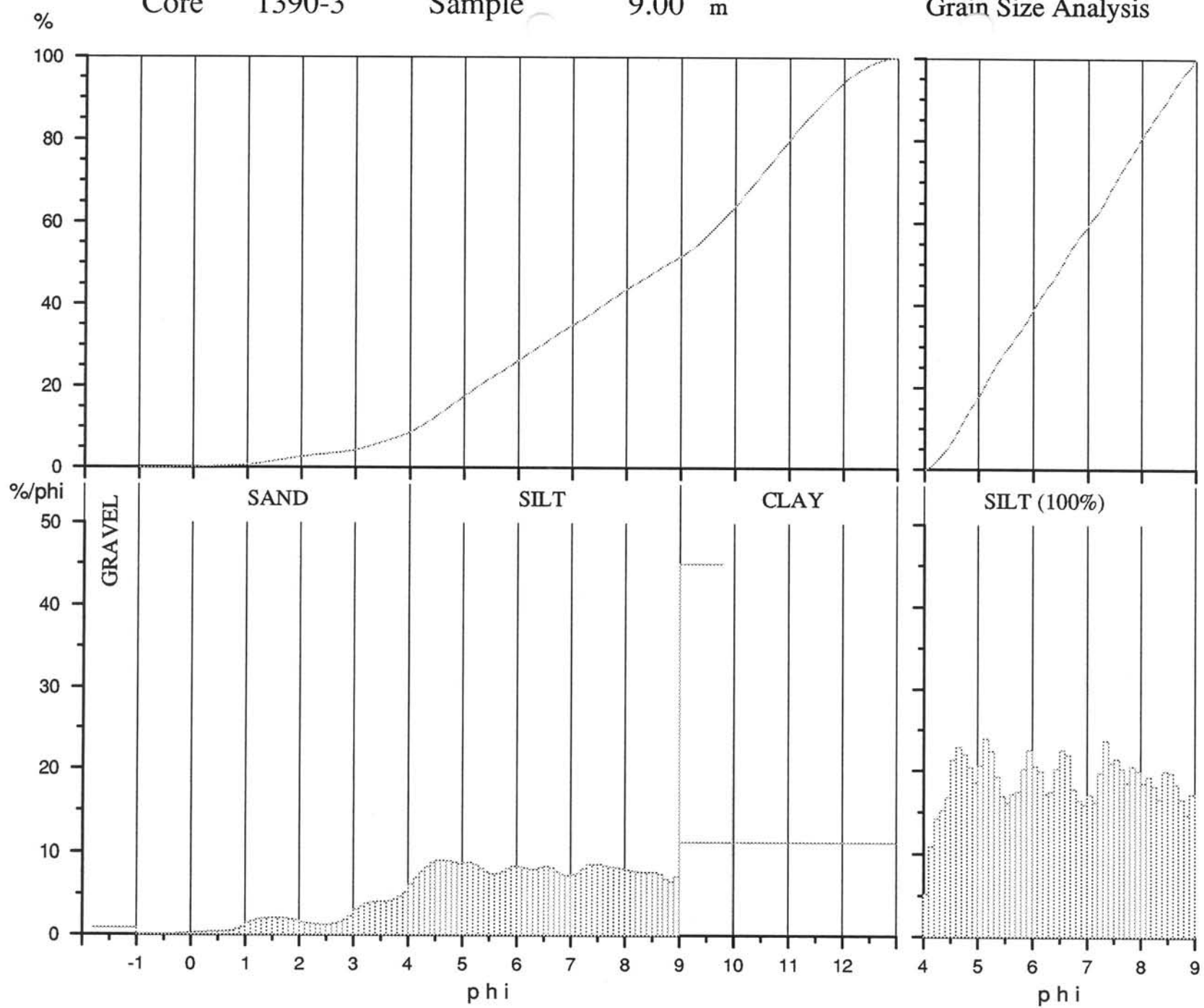
Grobe, 1988



Core 1390-3 Sample 9.00 m

Grain Size Analysis

AWI



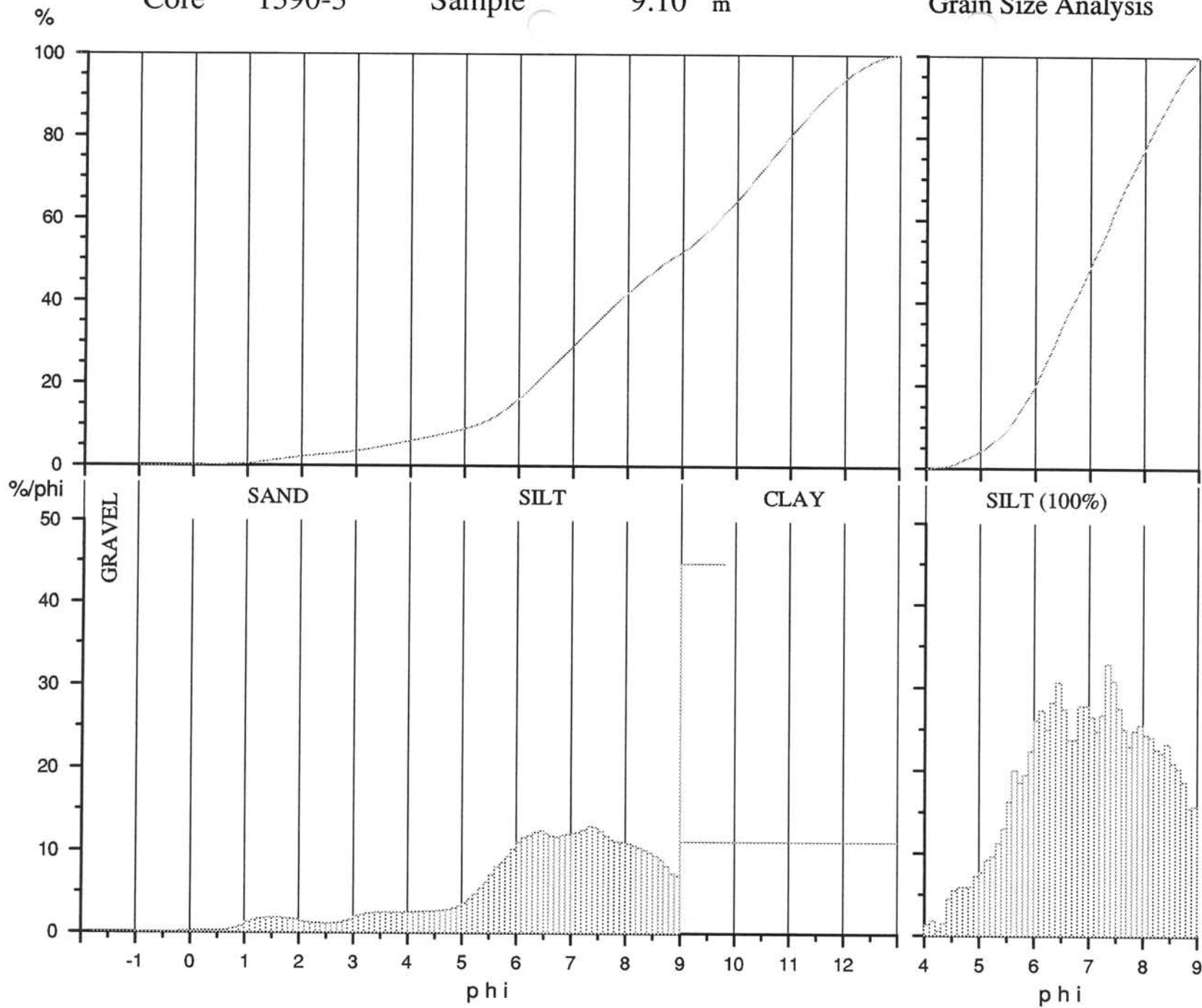
Grobe, 1988

Core 1390-3

Sample 9.10 m

Grain Size Analysis

AWI



GRAV	0.1
SAND	6.2
SILT	45.7
CLAY	48.0

MEAN	8.6
MEDI	8.7
SKEW	-0.1
KURT	0.9
SORT	2.6

PC 5	3.6
PC 16	6.0
PC 25	6.7
PC 50	8.7
PC 75	10.7
PC 84	11.2
PC 95	12.1

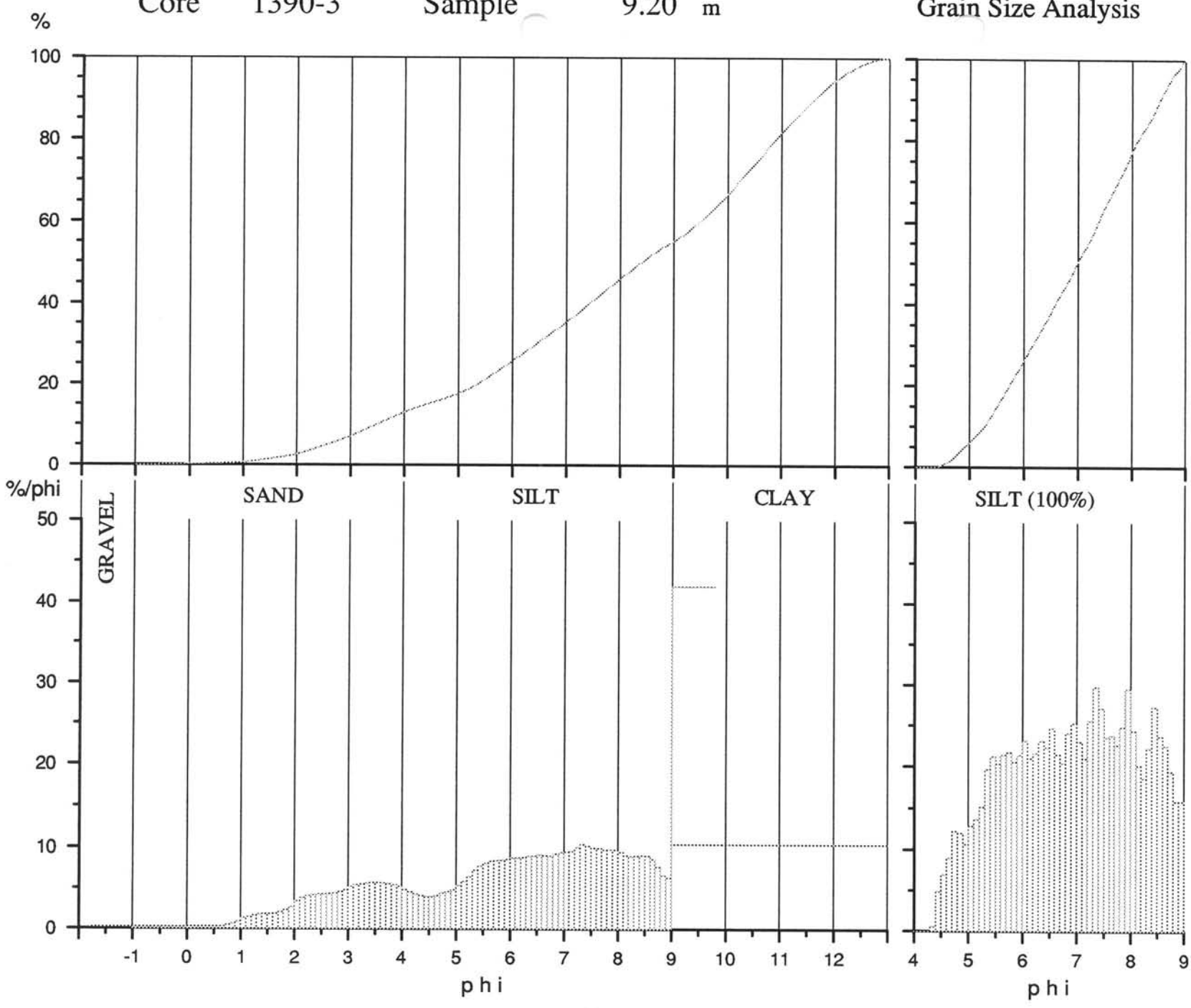
Grobe, 1988

Core 1390-3

Sample 9.20 m

Grain Size Analysis

AWI



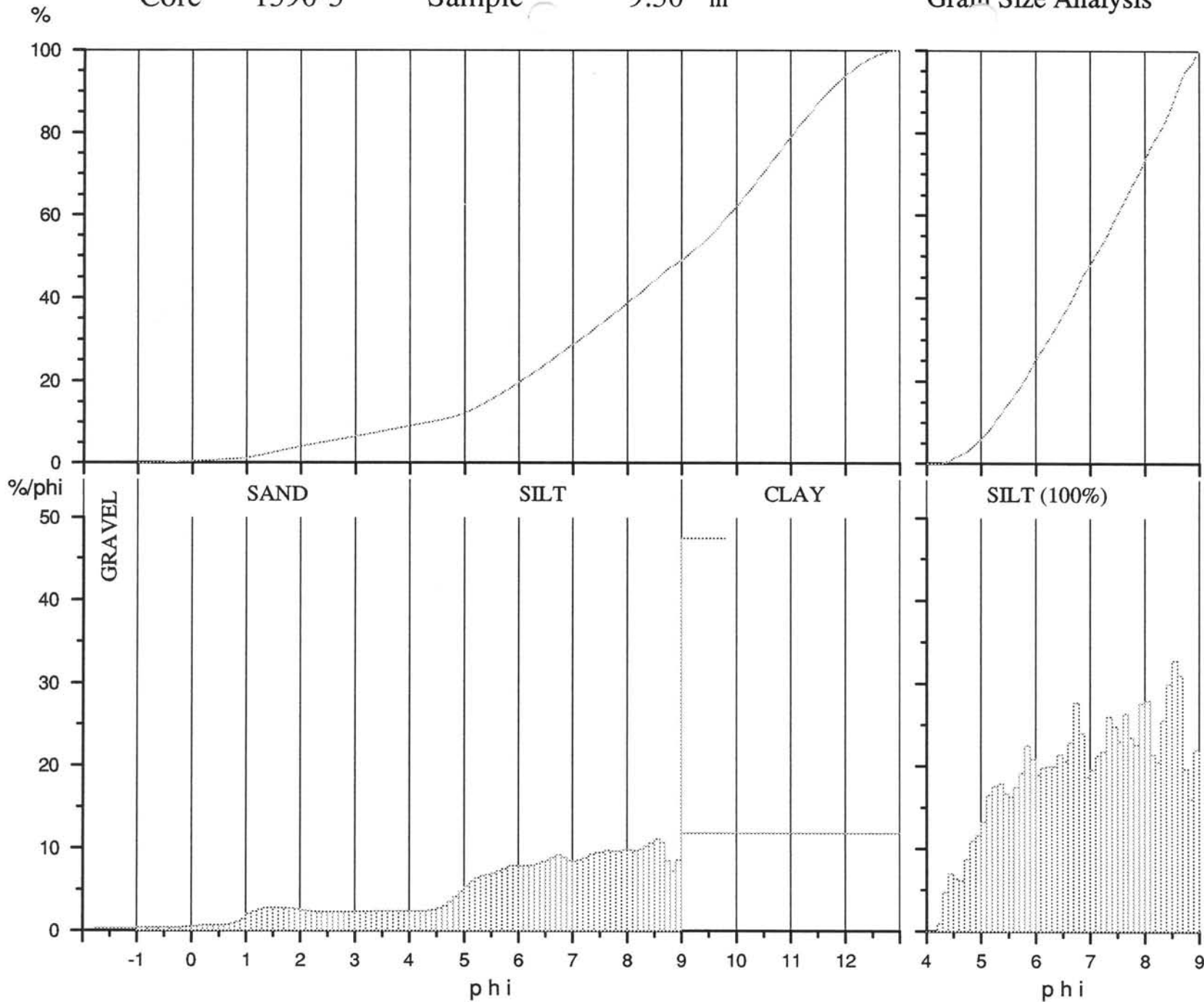
GRAV	0.3
SAND	13.6
SILT	41.4
CLAY	44.9
MEAN	8.1
MEDI	8.4
SKEW	-0.2
KURT	0.8
SORT	3.1

PC 5	2.5
PC 16	4.6
PC 25	5.9
PC 50	8.4
PC 75	10.6
PC 84	11.2
PC 95	12.0

Grobe, 1988

Core 1390-3 Sample 9.30 m

Grain Size Analysis AWI



GRAV	0.4
SAND	9.2
SILT	39.9
CLAY	50.9
MEAN	8.6
MEDI	9.1
SKEW	-0.3
KURT	1.0
SORT	2.9
PC 5	2.3
PC 16	5.5
PC 25	6.6
PC 50	9.1
PC 75	10.8
PC 84	11.3
PC 95	12.1

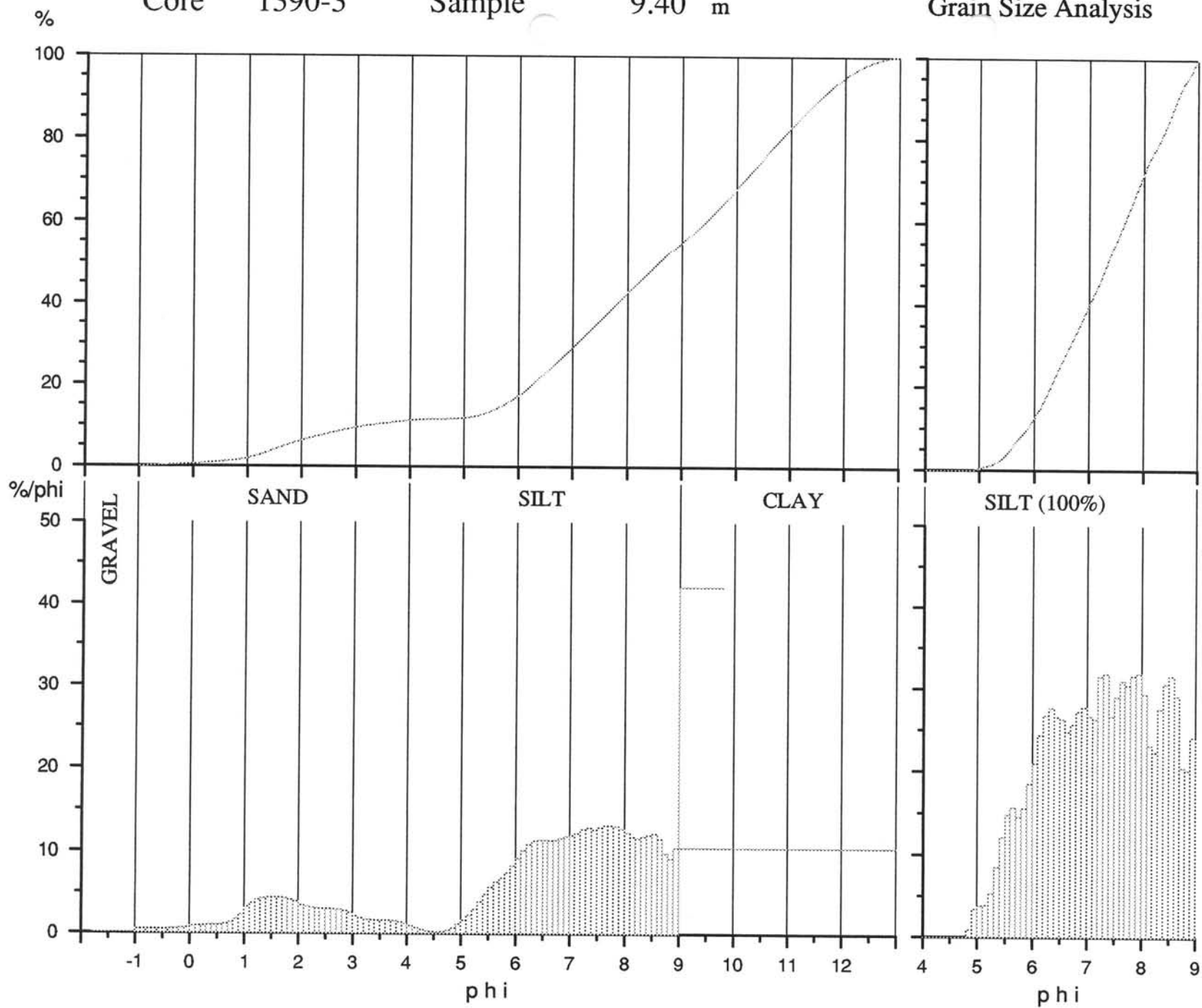
Grobe, 1988

Core 1390-3

Sample 9.40 m

Grain Size Analysis

AWI



GRAV	0.1
SAND	11.4
SILT	43.5
CLAY	45.1
MEAN	8.5
MEDI	8.6
SKEW	-0.2
KURT	1.1
SORT	2.9

PC 5	1.7
PC 16	5.8
PC 25	6.7
PC 50	8.6
PC 75	10.5
PC 84	11.1
PC 95	12.0

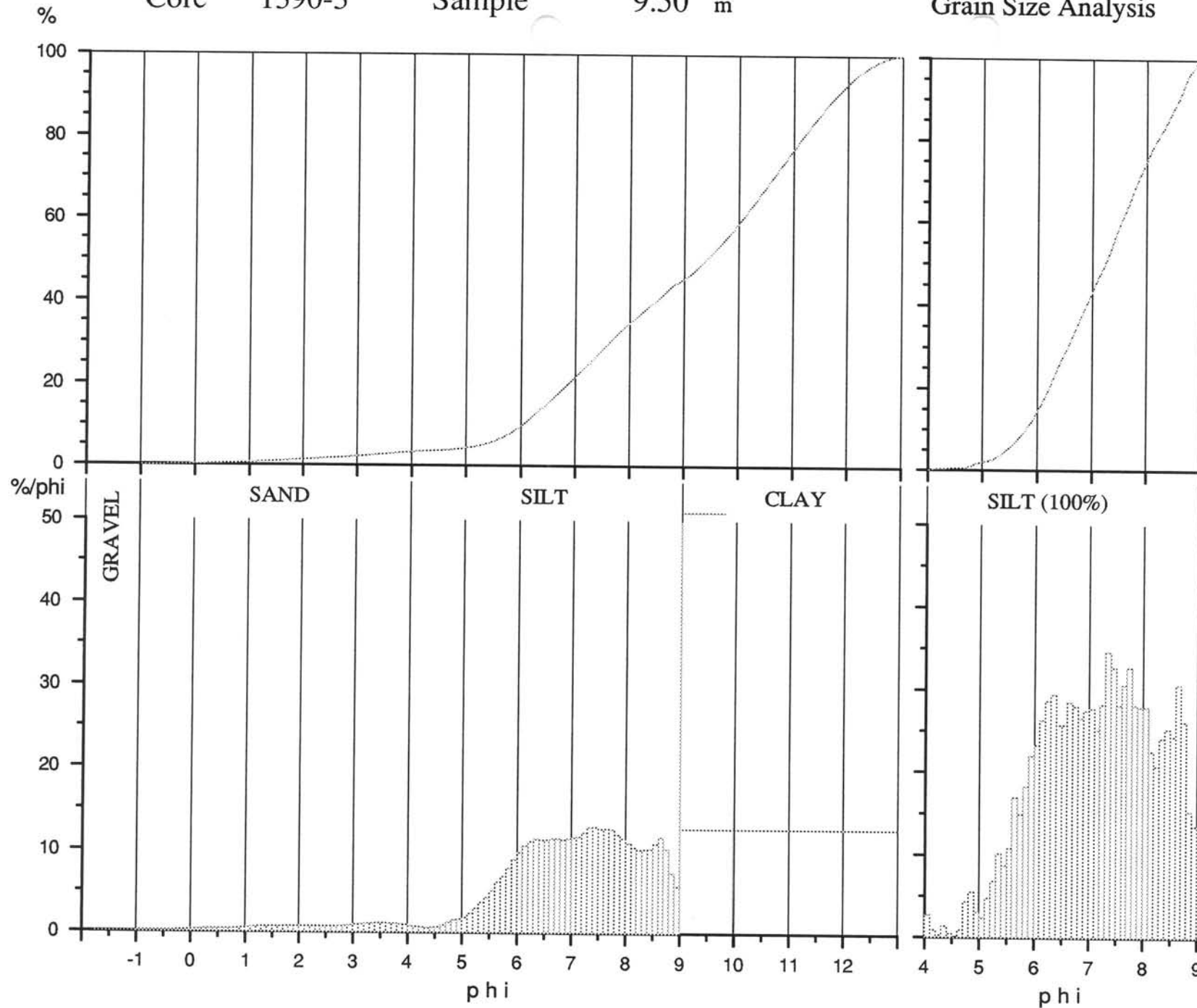
Grobe, 1988

Core 1390-3

Sample 9.50 m

Grain Size Analysis

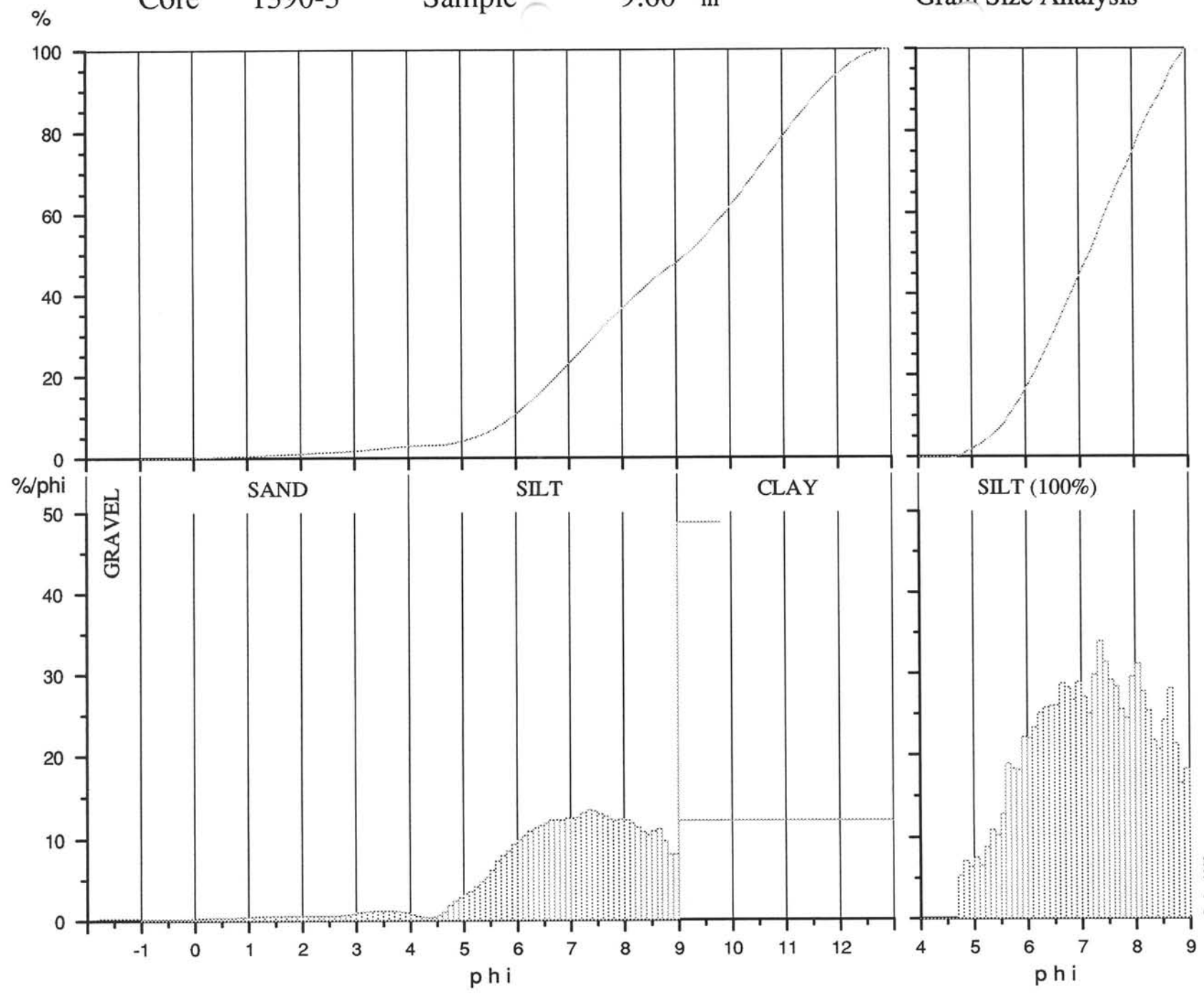
AWI



Crook, 1988

Core 1390-3 Sample 9.60 m

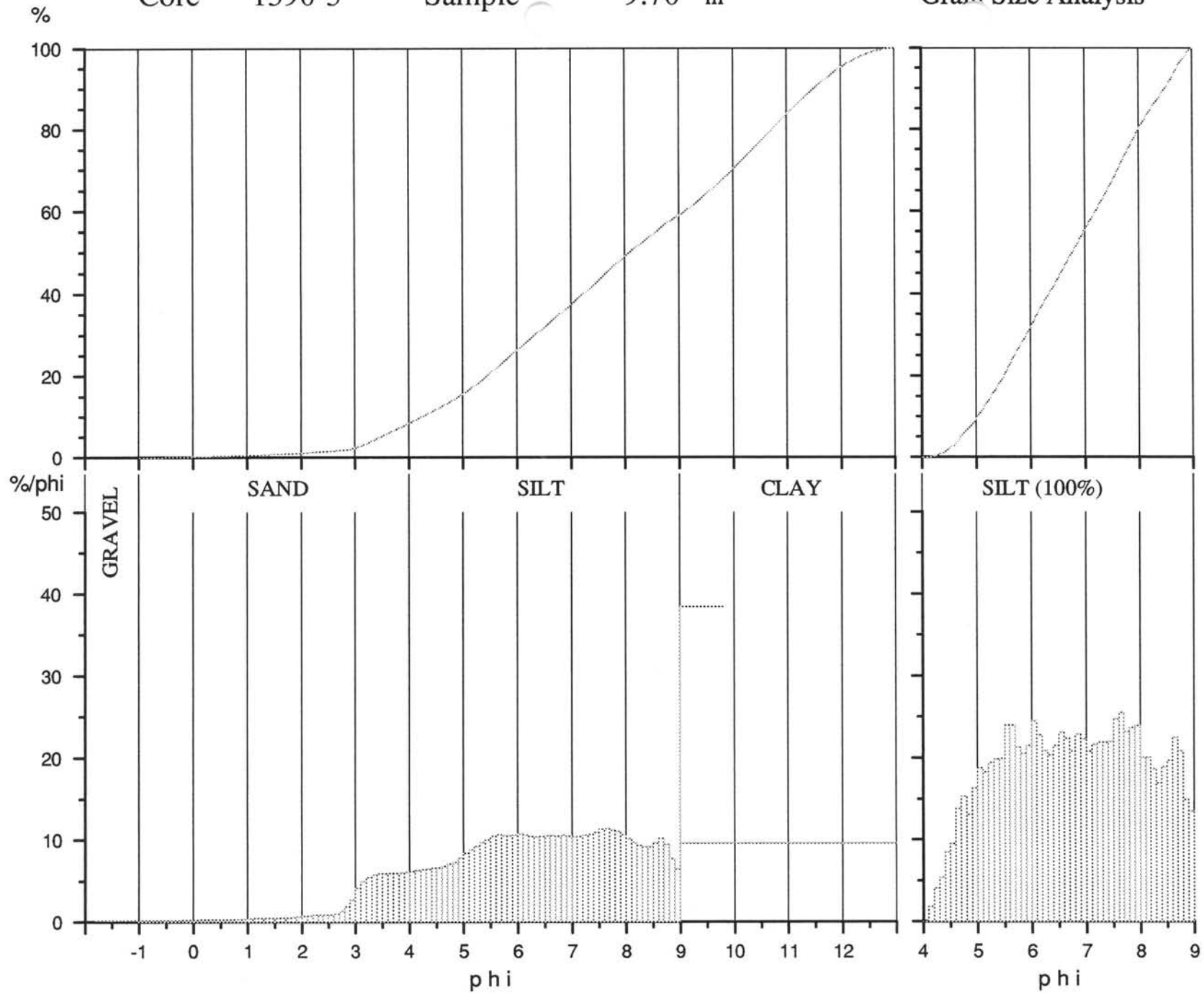
Grain Size Analysis AWI



Grobe, 1988

Core 1390-3 Sample 9.70 m

Grain Size Analysis AWI



GRAV	0.2
SAND	8.8
SILT	50.0
CLAY	41.2
MEAN	8.0
MEDI	8.1
SKEW	-0.1
KURT	0.8
SORT	2.8
PC 5	3.5
PC 16	5.0
PC 25	5.9
PC 50	8.1
PC 75	10.4
PC 84	11.0
PC 95	12.0

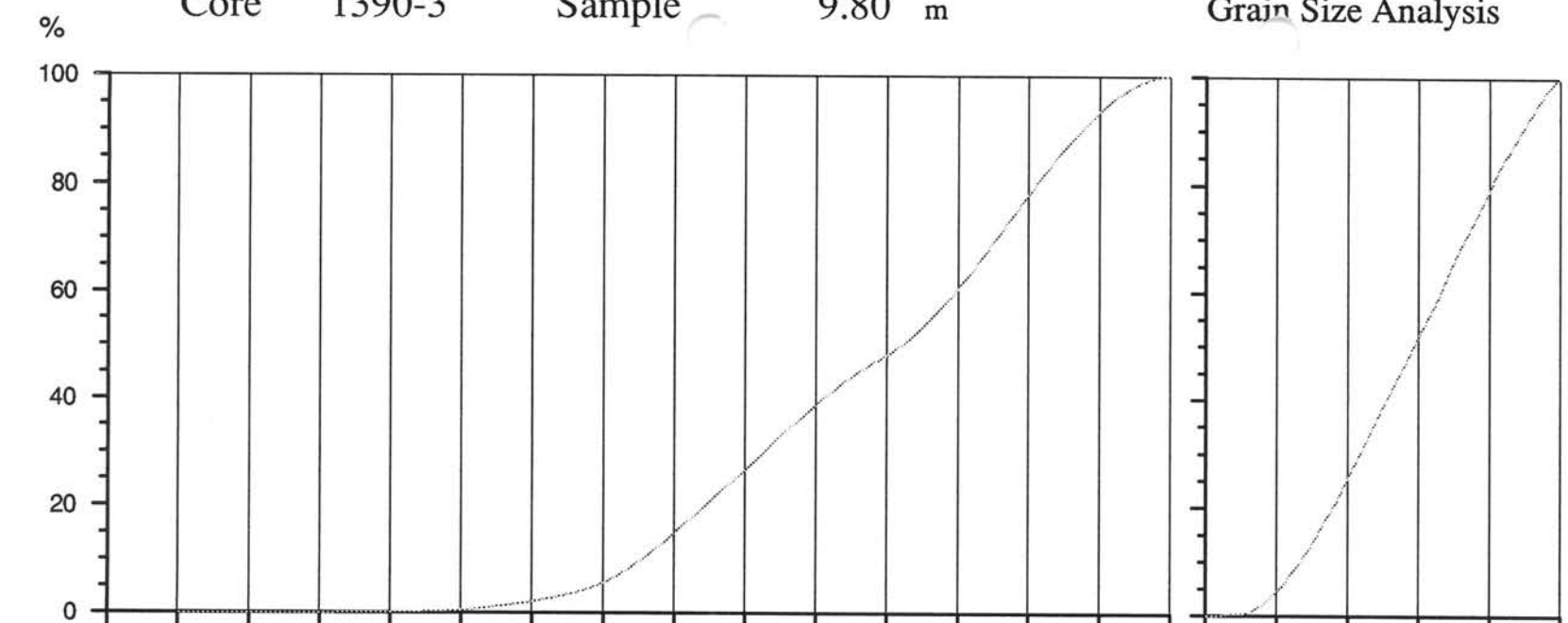
Grobe, 1988

Core 1390-3

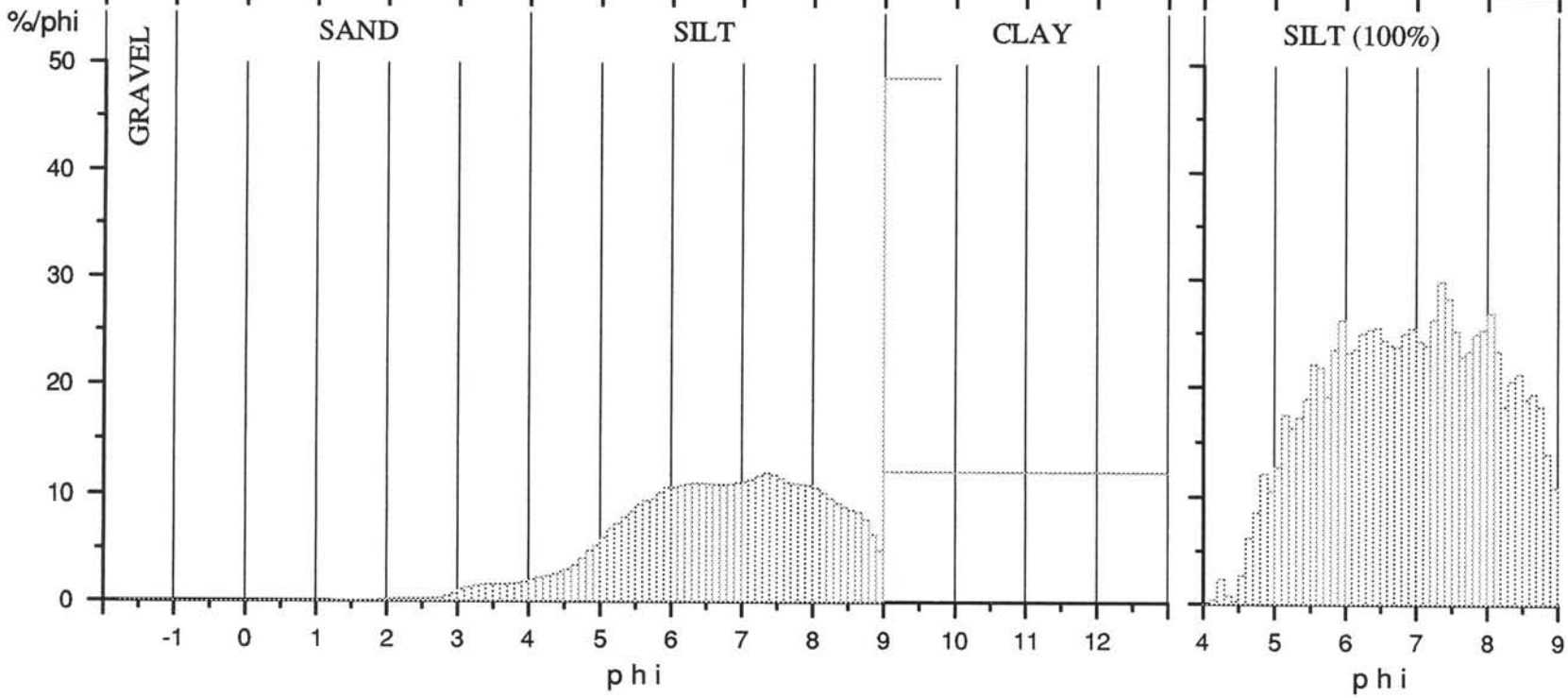
Sample 9.80 m

Grain Size Analysis

AWI



GRAV	0.1
SAND	2.2
SILT	45.6
CLAY	52.1
MEAN	8.9
MEDI	9.2
SKEW	-0.2
KURT	0.8
SORT	2.4



PC 5	4.9
PC 16	6.1
PC 25	6.9
PC 50	9.2
PC 75	10.8
PC 84	11.4
PC 95	12.1

Grobe, 1988