

Grain Size Analysis

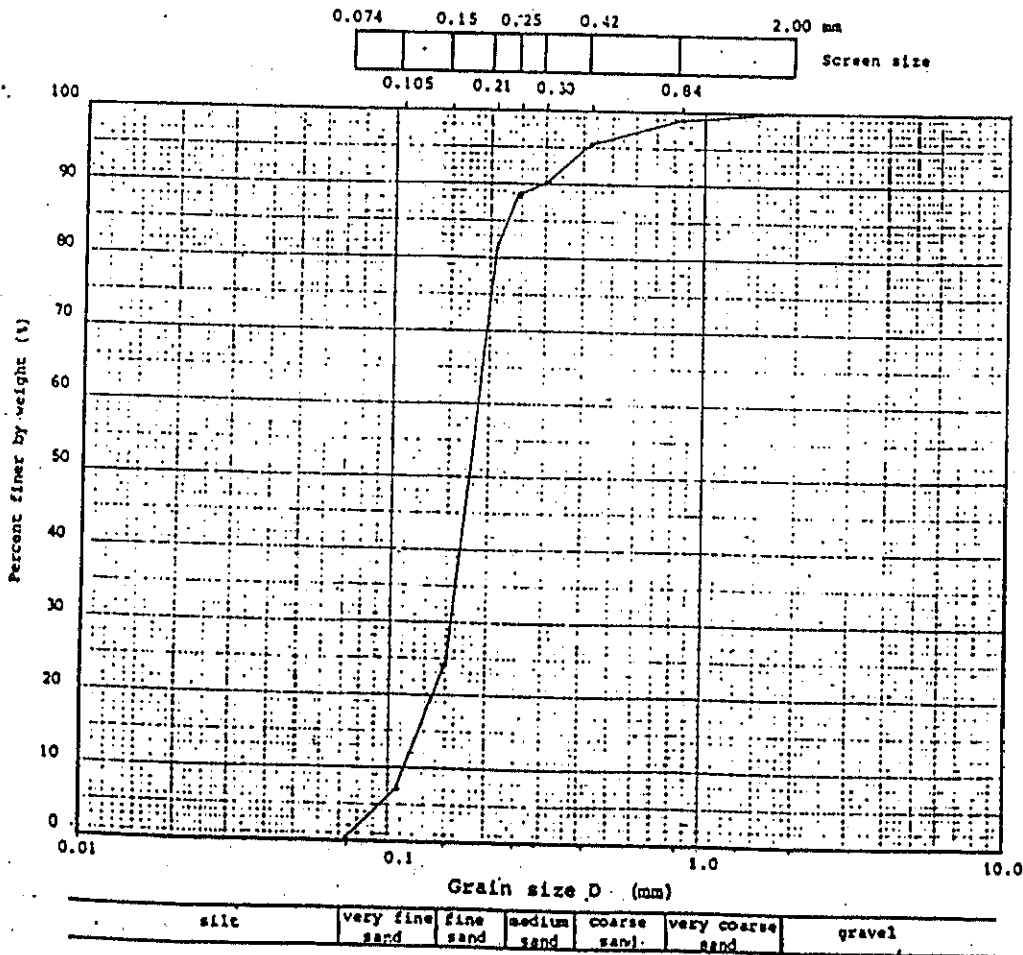
Sample No. 65 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	2.4	98.8
0.42	6	95.8
0.30	11.6	90
0.25	2.65	88.675
0.21	14.8	81.275
0.15	114.6	23.975
0.105	33.85	7.05
0.074	13.65	0.225
	0.45	-

Very coarse sand (2.00-0.84mm) %	1.2
Coarse sand (0.84-0.42mm) %	3.0
Medium sand (0.42-0.25mm) %	7.125
Fine sand (0.25-0.15mm) %	64.70
Very fine sand (0.15-0.074mm) %	23.75
Silt or clay (under 0.074mm) %	0.225
Maximum grain size mm	0.84
60% grain size mm	0.185
30% grain size mm	0.153
10% grain size mm	0.111
Coefficient of uniformity U_c	1.667
Coefficient of curvature U_c'	1.140

Grain size accumulation curve



App.3.108

Grain Size Analysis

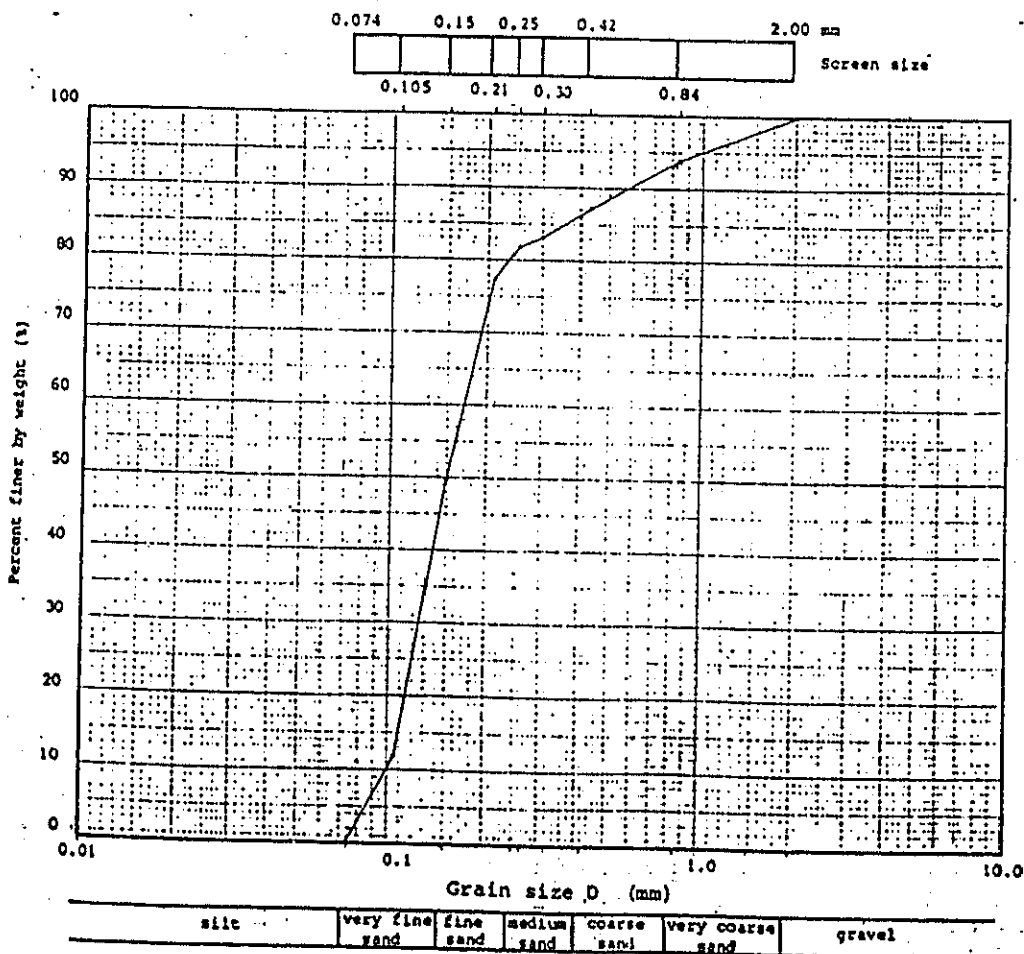
Sample No. 66 A
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	12.1	93.95
0.42	12.7	87.6
0.30	8.85	83.175
0.25	1.75	82.3
0.21	9.35	79.625
0.15	55.8	49.725
0.105	75.55	11.95
0.074	23.2	0.35
	0.70	-

Very coarse sand (2.00-0.84mm) %	6.05
Coarse sand (0.84-0.42mm) %	6.35
Medium sand (0.42-0.25mm) %	5.3
Fine sand (0.25-0.15mm) %	32.575
Very fine sand (0.15-0.074mm) %	49.375
Silt or clay (under 0.074mm) %	0.35
Maximum grain size mm	0.84
60% grain size mm	0.17
30% grain size mm	0.126
10% grain size mm	0.10
Coefficient of uniformity U_c	1.70
Coefficient of curvature U_c'	0.934

Grain size accumulation curve



App.3.109

Grain Size Analysis

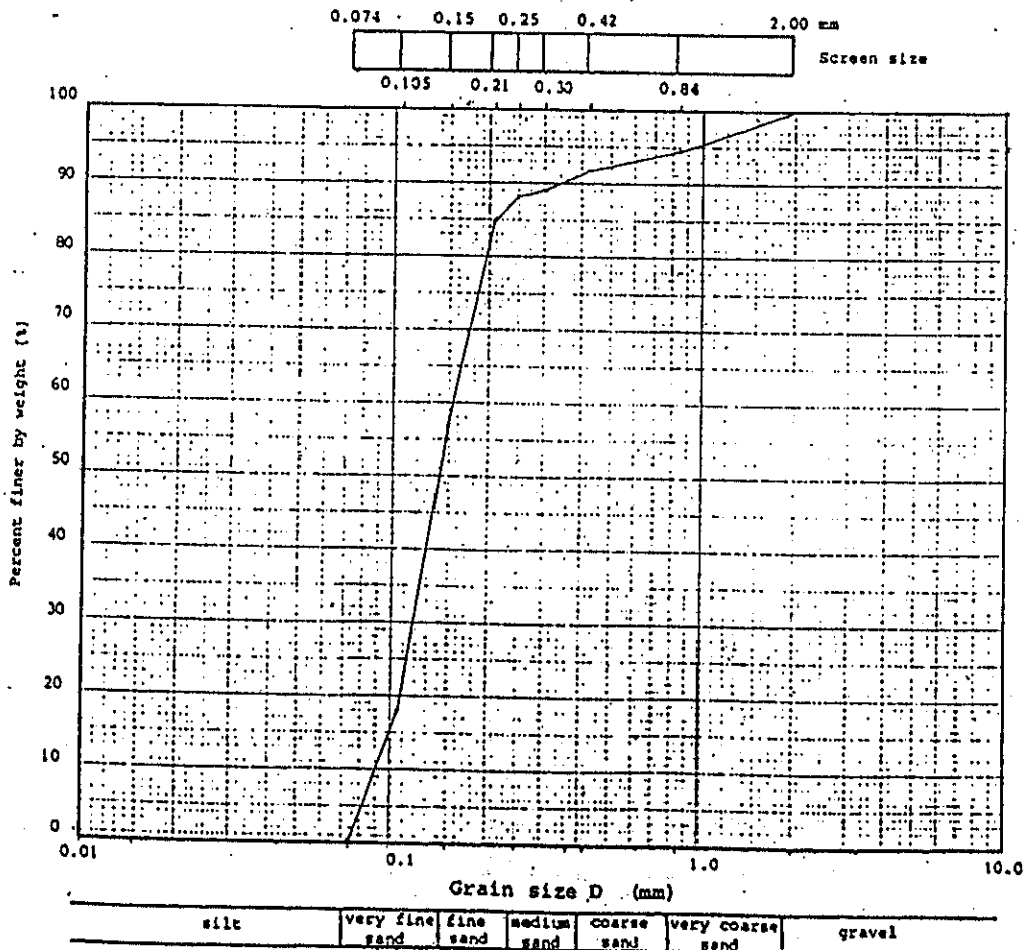
Sample No. 66 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	10.7	94.65
0.42	5.8	91.75
0.30	5.05	89.225
0.25	1.85	88.3
0.21	6.55	85.025
0.15	56.2	56.925
0.105	77.5	18.175
0.074	35.50	0.425
	0.85	-

Very coarse sand (2.00-0.84mm) %	5.35
Coarse sand (0.84-0.42mm) %	2.9
Medium sand (0.42-0.25mm) %	3.45
Fine sand (0.25-0.15mm) %	31.375
Very fine sand (0.15-0.074mm) %	56.50
Silt or clay (under 0.074mm) %	0.425
Maximum grain size mm	0.84
60% grain size mm	0.155
30% grain size mm	0.119
10% grain size mm	0.09
Coefficient of uniformity U_c	1.722
Coefficient of curvature U_c'	1.015

Grain size accumulation curve



App.3.110

Grain Size Analysis

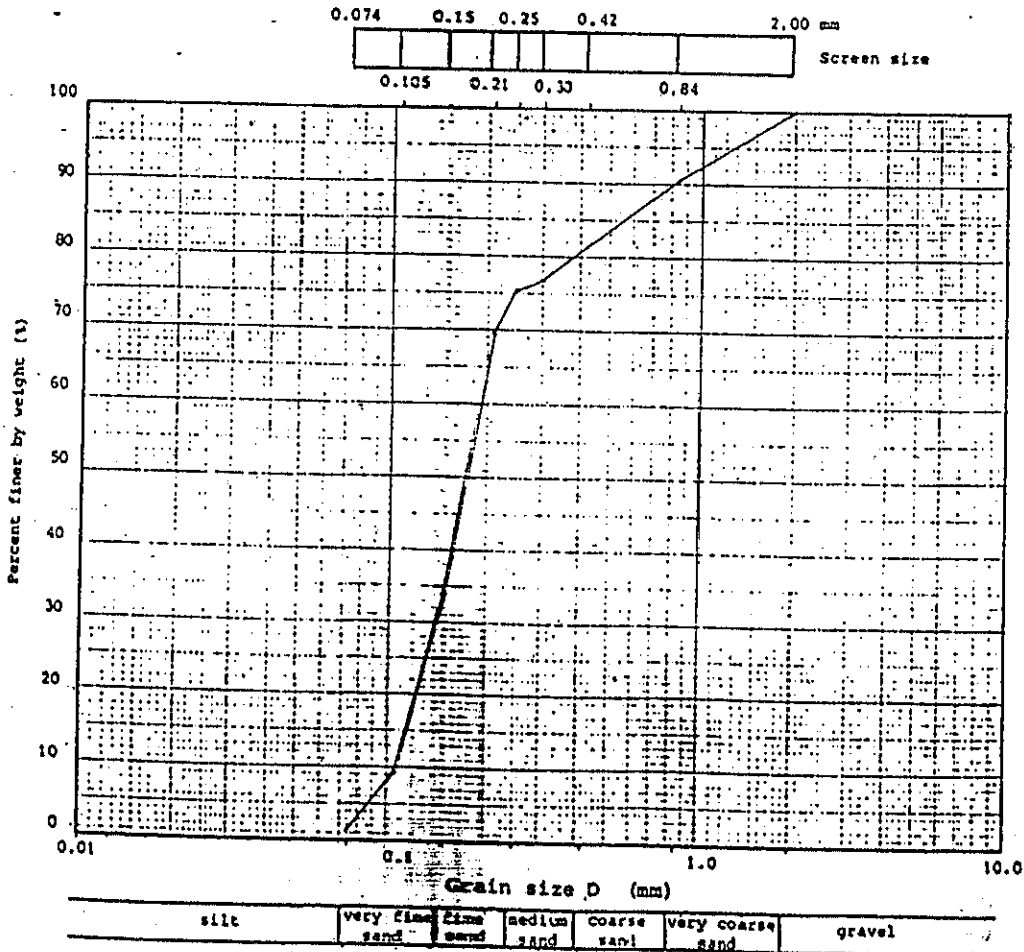
Sample No. 67 A
 Name of sample Beach Sand
 Locality Kuġa Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	19.06	90.47
0.42	17.80	81.57
0.30	9.26	76.94
0.25	2.96	75.46
0.21	11.96	69.48
0.15	70.90	34.03
0.105	49.2	9.43
0.074	16.0	1.43
	2.86	-

Very coarse sand (2.00-0.84mm) %	9.53
Coarse sand (0.84-0.42mm) %	8.9
Medium sand (0.42-0.25mm) %	6.11
Fine sand (0.25-0.15mm) %	41.43
Very fine sand (0.15-0.074mm) %	32.6
Silt or clay (under 0.074mm) %	1.43
Maximum grain size mm	0.84
60% grain size mm	0.19
30% grain size mm	0.141
10% grain size mm	0.107
Coefficient of uniformity U_c	1.776
Coefficient of curvature U_c'	0.978

Grain size accumulation curve



App. 3.111

Grain Size Analysis

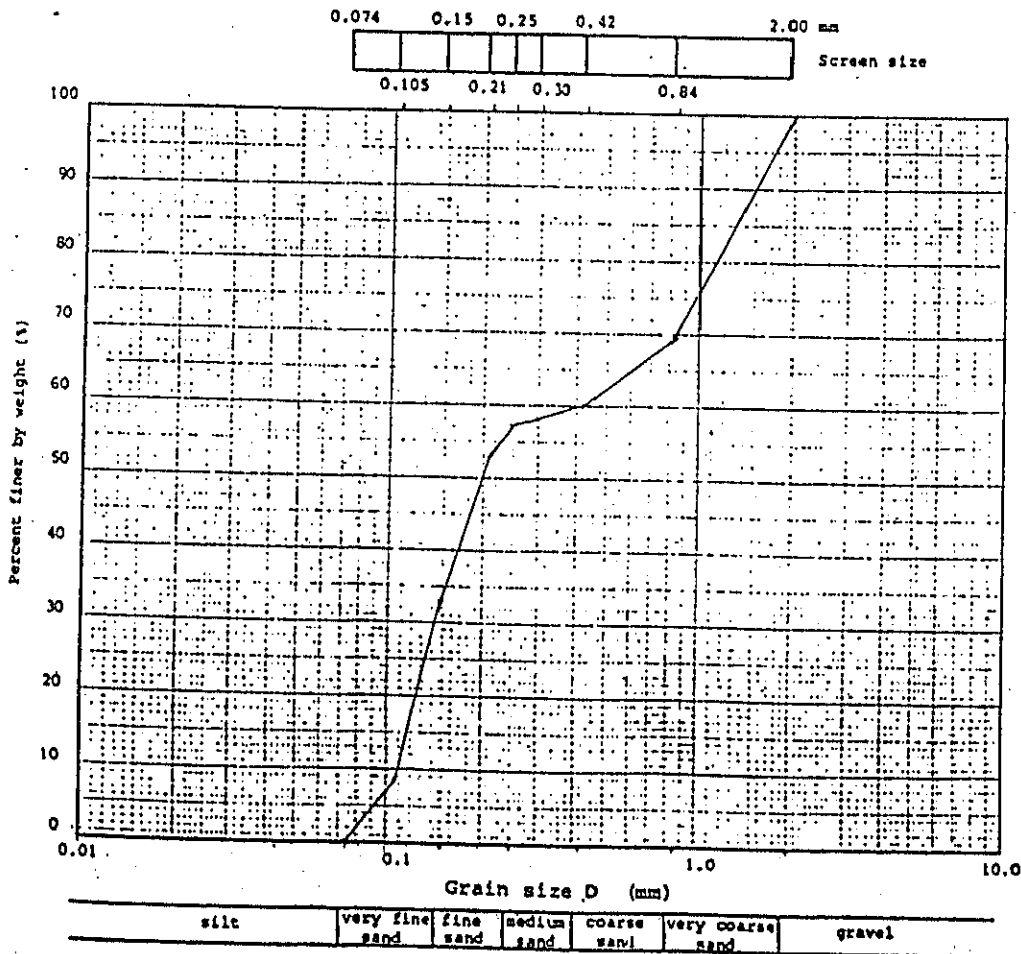
Sample No. 67 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	61.1	69.45
0.42	18.9	60
0.30	3.65	58.175
0.25	1.65	57.35
0.21	8.55	53.075
0.15	39.3	33.425
0.105	49.55	8.65
0.074	17.0	0.15
	0.30	-

Very coarse sand (2.00-0.84mm) %	30.55
Coarse sand (0.84-0.42mm) %	9.45
Medium sand (0.42-0.25mm) %	2.65
Fine sand (0.25-0.15mm) %	23.925
Very fine sand (0.15-0.074mm) %	33.275
Silt or clay (under 0.074mm) %	0.15
Maximum grain size mm	0.84
60% grain size mm	0.41
30% grain size mm	0.14
10% grain size mm	0.11
Coefficient of uniformity U_c	3.727
Coefficient of curvature U_c'	0.435

Grain size accumulation curve



App.3.112

Grain Size Analysis

Sample No. 68 A

Date _____

Name of sample Beach Sand

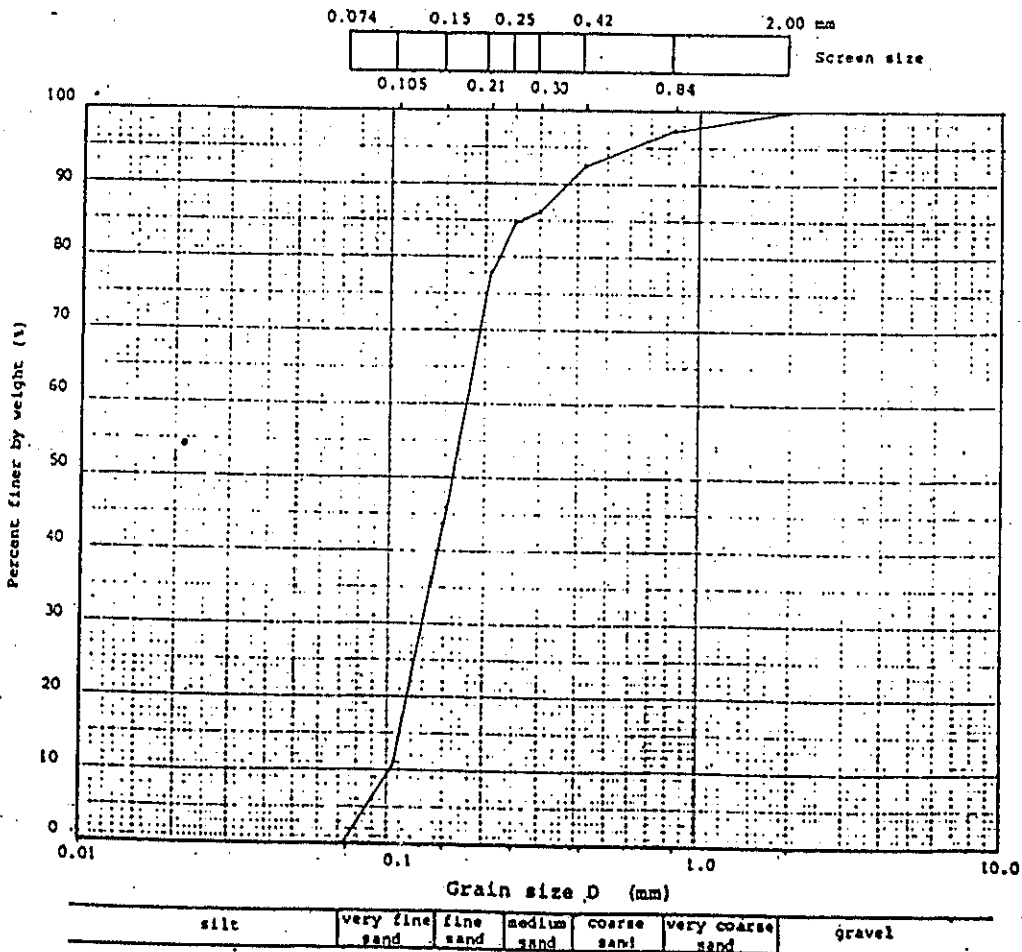
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	4.9	97.55
0.42	10.10	92.50
0.30	12.30	86.35
0.25	3.30	84.70
0.21	13.25	78.075
0.15	68.85	43.65
0.105	64.90	11.20
0.074	21.70	0.35
	0.70	-

Very coarse sand (2.00-0.84mm) %	2.45
Coarse sand (0.84-0.42mm) %	5.05
Medium sand (0.42-0.25mm) %	7.80
Fine sand (0.25-0.15mm) %	41.05
Very fine sand (0.15-0.074mm) %	43.30
Silt or clay (under 0.074mm) %	0.35
Maximum grain size mm	0.84
60% grain size mm	0.175
30% grain size mm	0.130
10% grain size mm	0.102
Coefficient of uniformity U_c	1.716
Coefficient of curvature U_c'	0.947

Grain size accumulation curve



App. 3.113

Grain Size Analysis

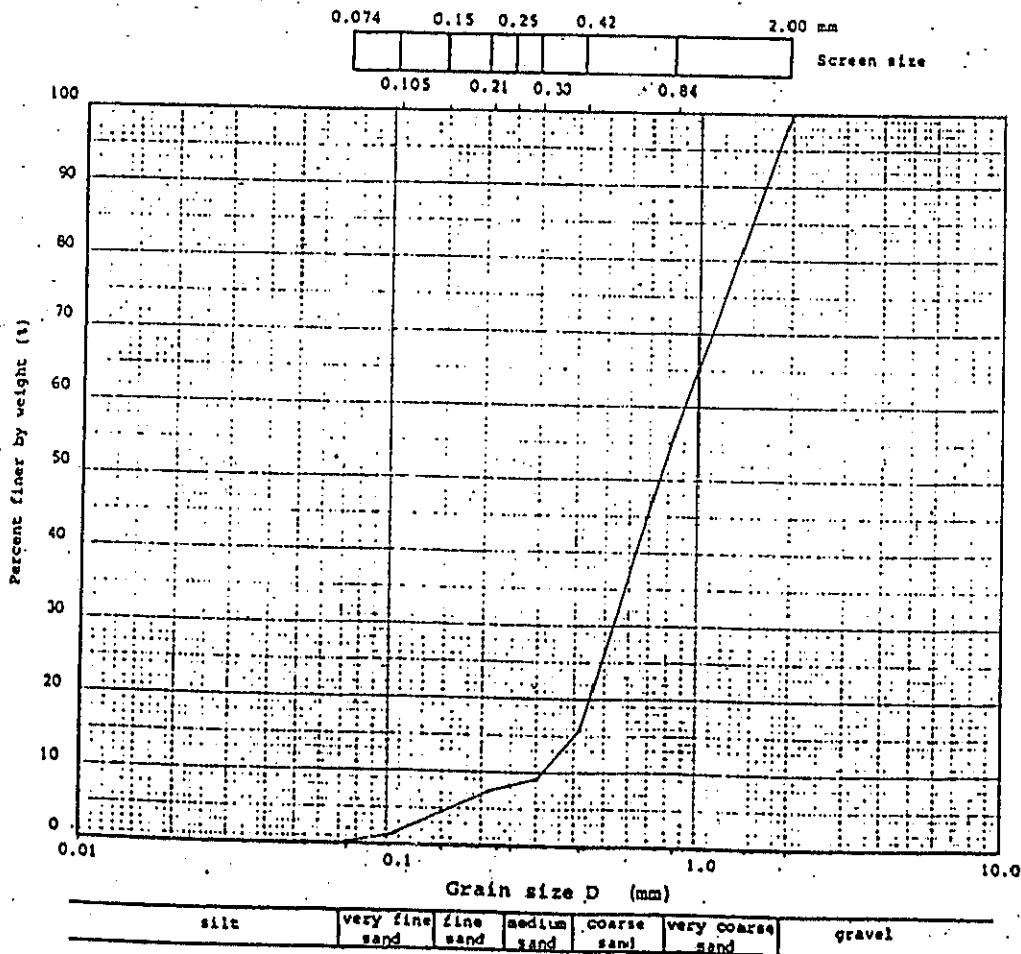
Sample No. 68 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	88.15	55.925
0.42	80.1	15.875
0.30	13.5	9.125
0.25	1.1	8.575
0.21	2.4	7.375
0.15	5.75	4.5
0.105	6.05	1.475
0.074	2.8	0.075
	0.15	-

Very coarse sand (2.00-0.84mm) %	44.075
Coarse sand (0.84-0.42mm) %	40.05
Medium sand (0.42-0.25mm) %	7.3
Fine sand (0.25-0.15mm) %	4.075
Very fine sand (0.15-0.074mm) %	4.425
Silt or clay (under 0.074mm) %	0.075
Maximum grain size mm	0.84
60% grain size mm	0.9
30% grain size mm	0.53
10% grain size mm	0.31
Coefficient of uniformity U_c	2.903
Coefficient of curvature U_c'	1.007

Grain size accumulation curve



App.3.114

Grain Size Analysis

Sample No. 69 A

Date _____

Name of sample Bali Beach Sand

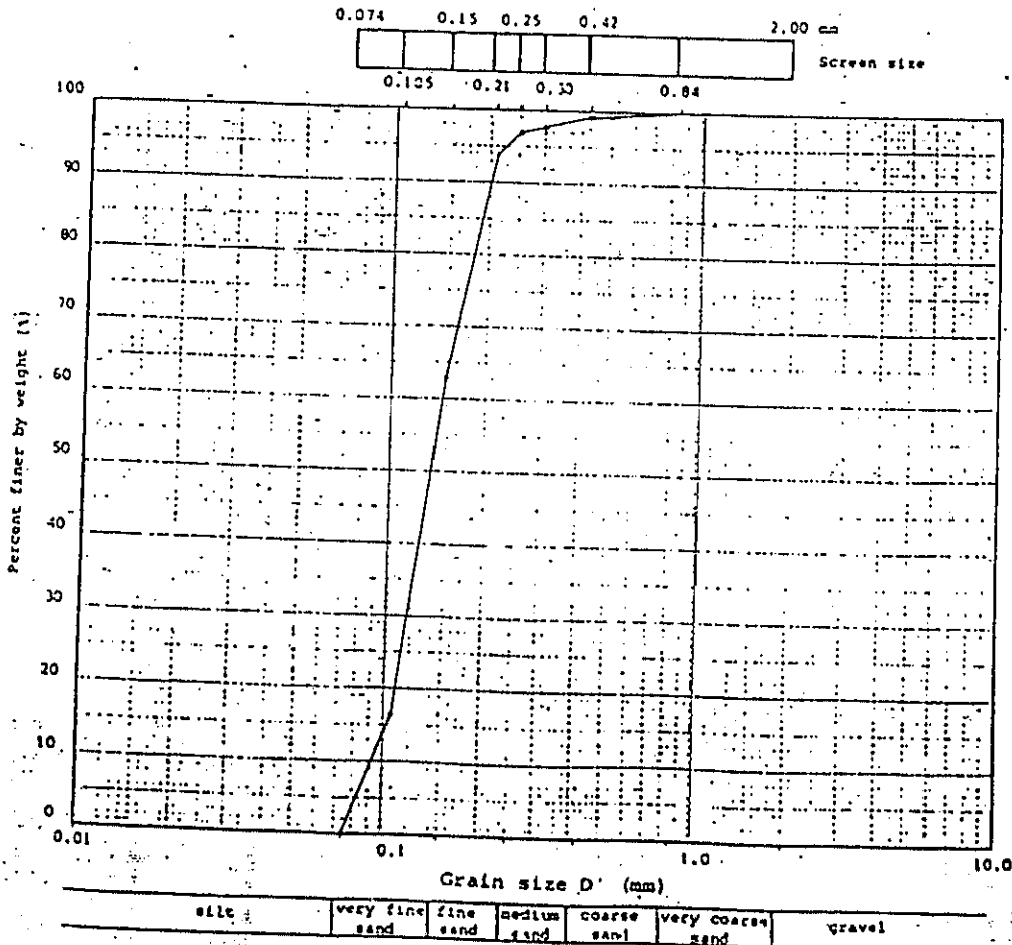
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	0	100
0.42	1.5	99.25
0.30	3.0	97.75
0.25	1.05	97.225
0.21	6.7	93.875
0.15	62.2	62.775
0.105	92.55	16.5
0.074	32.85	0.075
	0.15	-

Very coarse sand (2.00-0.84mm) %	
Coarse sand (0.84-0.42mm) %	0.75
Medium sand (0.42-0.25mm) %	2.025
Fine sand (0.25-0.15mm) %	34.45
Very fine sand (0.15-0.074mm) %	62.7
Silt or clay (under 0.074mm) %	0.075
Maximum grain size mm	0.42
60% grain size mm	0.147
30% grain size mm	0.118
10% grain size mm	0.092
Coefficient of uniformity U_c	1.598
Coefficient of curvature U_c'	1.030

Grain size accumulation curve



App.3.115

Grain Size Analysis

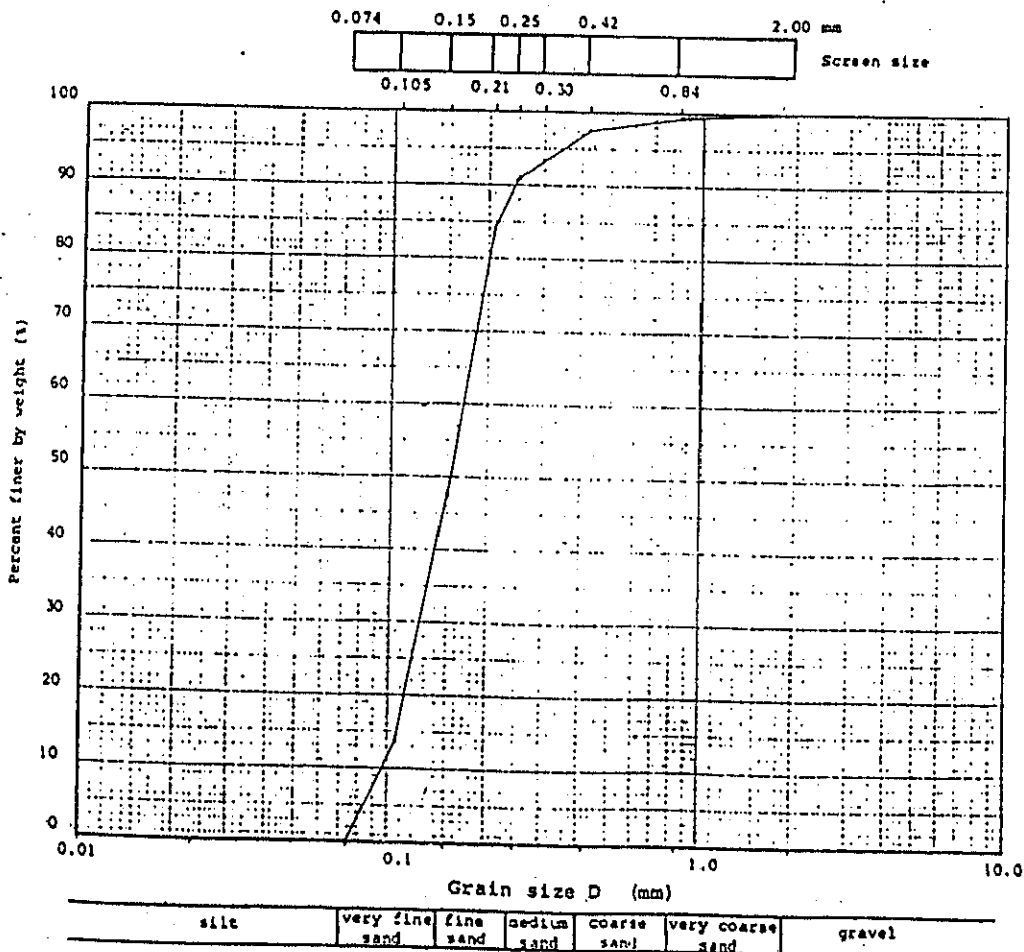
Sample No. 69 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	1.35	99.325
0.42	3.4	97.625
0.30	8.55	93.35
0.25	4.75	90.975
0.21	13.85	84.05
0.15	73.15	47.475
0.105	67.1	13.925
0.074	27.6	0.125
	0.25	-

Very coarse sand (2.00-0.84mm) %	0.675
Coarse sand (0.84-0.42mm) %	1.70
Medium sand (0.42-0.25mm) %	6.65
Fine sand (0.25-0.15mm) %	43.50
Very fine sand (0.15-0.074mm) %	47.35
Silt or clay (under 0.074mm) %	0.125
Maximum grain size mm	0.84
60% grain size mm	0.168
30% grain size mm	0.127
10% grain size mm	0.097
Coefficient of uniformity U_c	1.732
Coefficient of curvature U_c'	0.990

Grain size accumulation curve



App.3.116

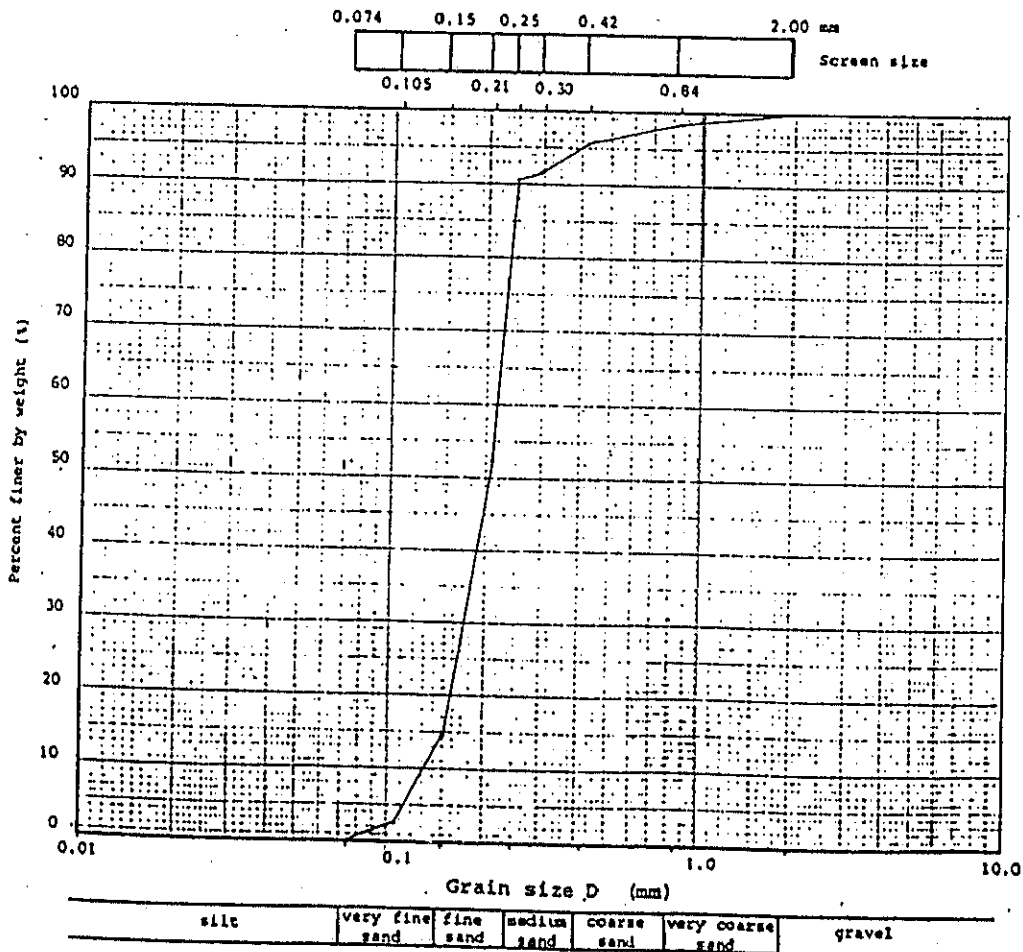
Grain Size Analysis

Sample No. 70 A Date _____
 Name of sample Beach Sand Signature _____
 Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	3.05	98.475
0.42	5.65	95.65
0.30	7.55	91.875
0.25	2.40	90.675
0.21	76.55	52.4
0.15	76.20	14.3
0.105	23.50	2.55
0.074	5.0	0.05
	0.10	-

Very coarse sand (2.00-0.84mm) %	1.525
Coarse sand (0.84-0.42mm) %	2.825
Medium sand (0.42-0.25mm) %	4.975
Fine sand (0.25-0.15mm) %	76.375
Very fine sand (0.15-0.074mm) %	14.25
Silt or clay (under 0.074mm) %	0.05
Maximum grain size mm	0.84
60% grain size mm	0.218
30% grain size mm	0.174
10% grain size mm	0.13
Coefficient of uniformity U_c	1.677
Coefficient of curvature U_c'	1.068

Grain size accumulation curve



App. 3.117

Grain Size Analysis

Sample No. 70 B

Date _____

Name of sample Beach Sand

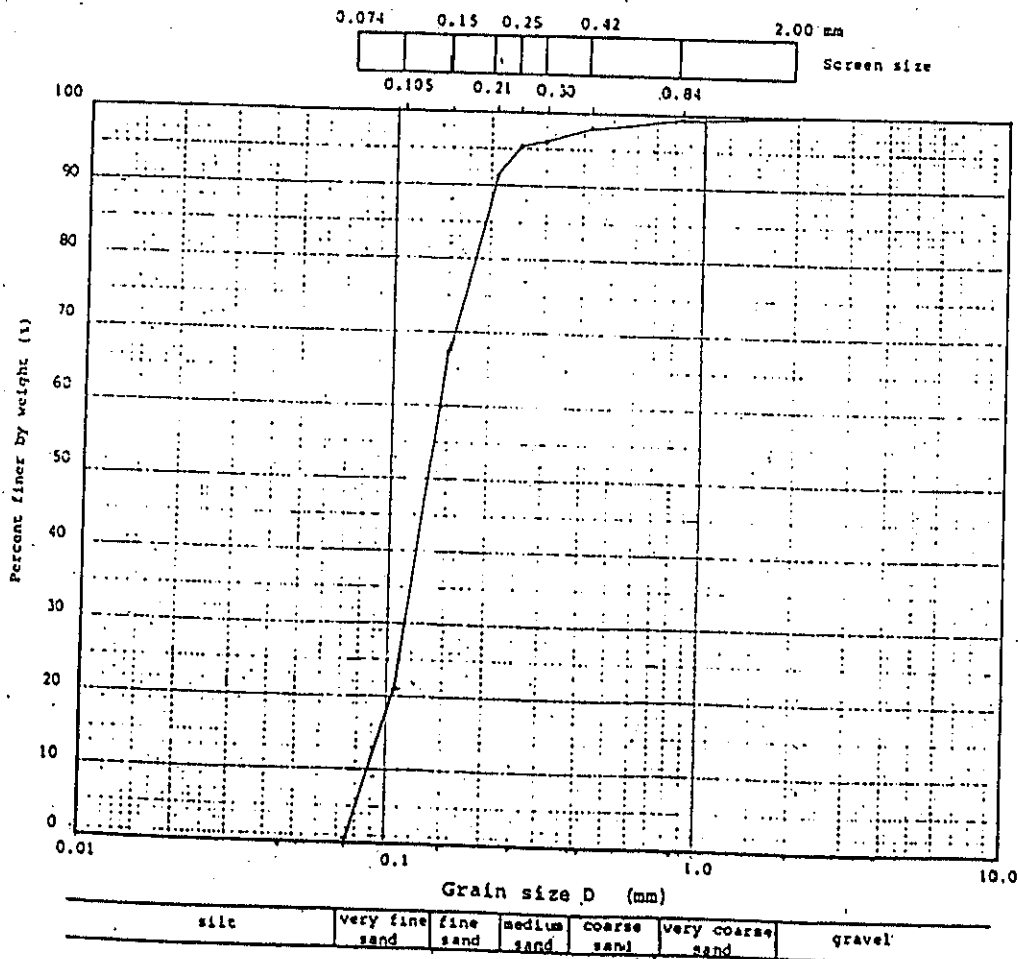
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	1.7	99.15
0.42	2.4	97.95
0.30	3.4	96.25
0.25	1.6	95.45
0.21	8.15	91.375
0.15	47.95	67.40
0.105	91.80	21.50
0.074	41.90	0.55
	1.10	-

Very coarse sand (2.00-0.84mm) %	0.85
Coarse sand (0.84-0.42mm) %	1.20
Medium sand (0.42-0.25mm) %	2.50
Fine sand (0.25-0.15mm) %	28.05
Very fine sand (0.15-0.074mm) %	66.85
Silt or clay (under 0.074mm) %	0.55
Maximum grain size mm	0.84
60% grain size mm	0.14
30% grain size mm	0.112
10% grain size mm	0.087
Coefficient of uniformity U_c	1.609
Coefficient of curvature U_c'	1.03

Grain size accumulation curve



App.3.118

Grain Size Analysis

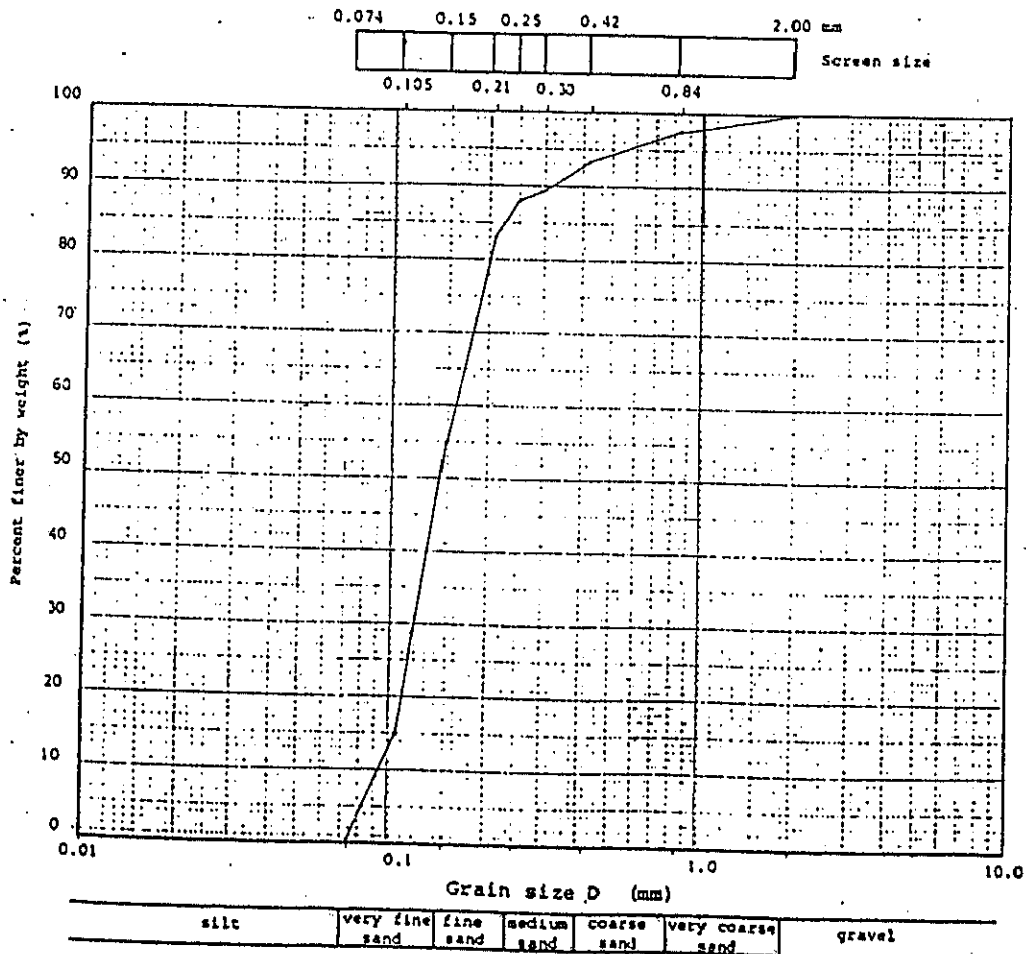
Sample No. 71 A
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	4.5	97.75
0.42	8.75	93.375
0.30	8.05	89.35
0.25	2.4	88.15
0.21	9.65	83.325
0.15	56.4	55.125
0.105	80.2	15.025
0.074	29.05	0.5
	1.00	-

Very coarse sand (2.00-0.84mm) %	2.25
Coarse sand (0.84-0.42mm) %	4.375
Medium sand (0.42-0.25mm) %	5.225
Fine sand (0.25-0.15mm) %	33.025
Very fine sand (0.15-0.074mm) %	54.625
Silt or clay (under 0.074mm) %	0.5
Maximum grain size mm	0.84
60% grain size mm	0.159
30% grain size mm	0.120
10% grain size mm	0.092
Coefficient of uniformity U_c	1.728
Coefficient of curvature U_c'	0.984

Grain size accumulation curve



App. 3.119

Grain Size Analysis

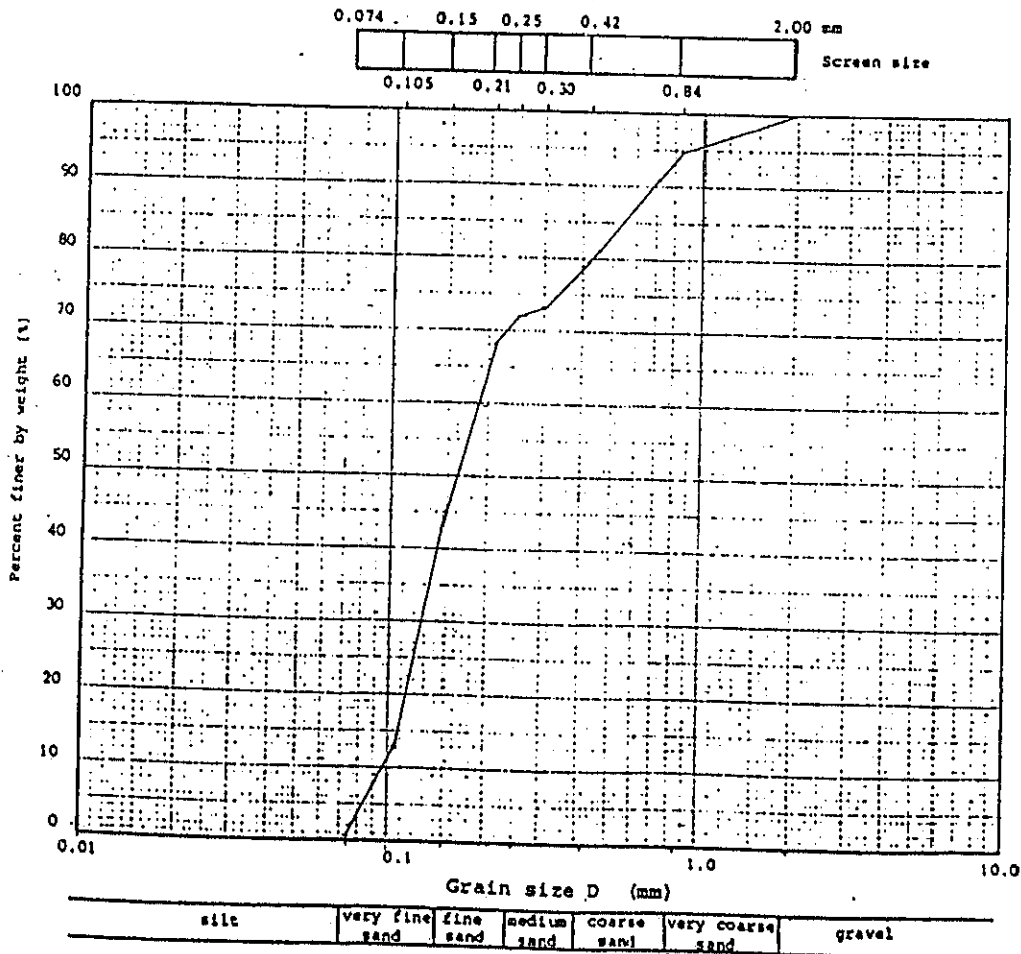
Sample No. 71 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	10.35	94.825
0.42	30.6	79.525
0.30	12.8	73.125
0.25	2.15	72.05
0.21	7.55	68.275
0.15	46.5	45.025
0.105	63.9	13.075
0.074	24.95	0.6
	1.20	-

Very coarse sand (2.00-0.84mm) %	5.175
Coarse sand (0.84-0.42mm) %	15.3
Medium sand (0.42-0.25mm) %	7.475
Fine sand (0.25-0.15mm) %	27.025
Very fine sand (0.15-0.074mm) %	44.425
Silt or clay (under 0.074mm) %	0.6
Maximum grain size mm	0.84
60% grain size mm	0.188
30% grain size mm	0.128
10% grain size mm	0.097
Coefficient of uniformity U_c	1.938
Coefficient of curvature U_c'	0.898

Grain size accumulation curve



App.3.120

Grain Size Analysis

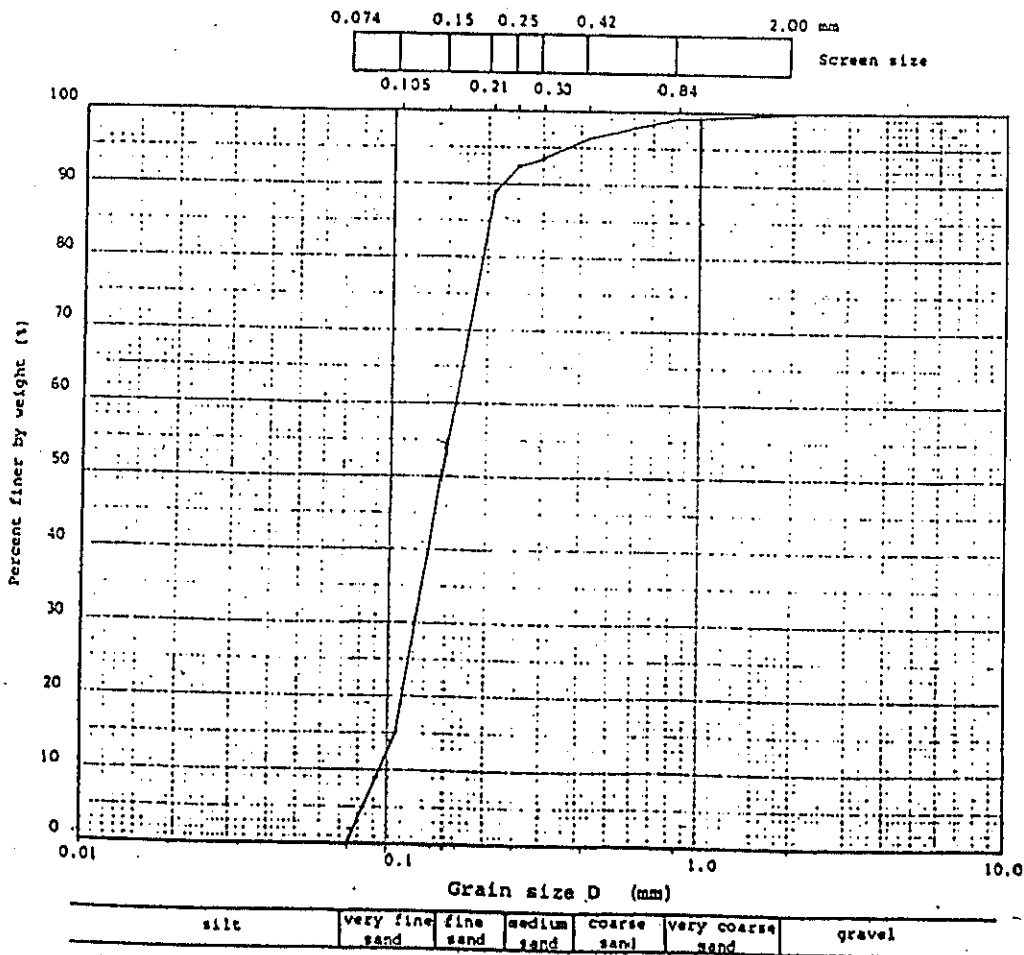
Sample No. 72 A
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	1.55	99.225
0.42	5.9	96.275
0.30	5.4	93.575
0.25	2.2	92.475
0.21	7.2	88.875
0.15	70.15	53.8
0.105	77.0	15.3
0.074	30.2	0.2
	0.40	-

Very coarse sand (2.00-0.84mm) %	0.775
Coarse sand (0.84-0.42mm) %	2.95
Medium sand (0.42-0.25mm) %	3.80
Fine sand (0.25-0.15mm) %	38.675
Very fine sand (0.15-0.074mm) %	53.6
Silt or clay (under 0.074mm) %	0.2
Maximum grain size mm	0.84
60% grain size mm	0.159
30% grain size mm	0.12
10% grain size mm	0.094
Coefficient of uniformity U_c	1.691
Coefficient of curvature U_c'	0.963

Grain size accumulation curve



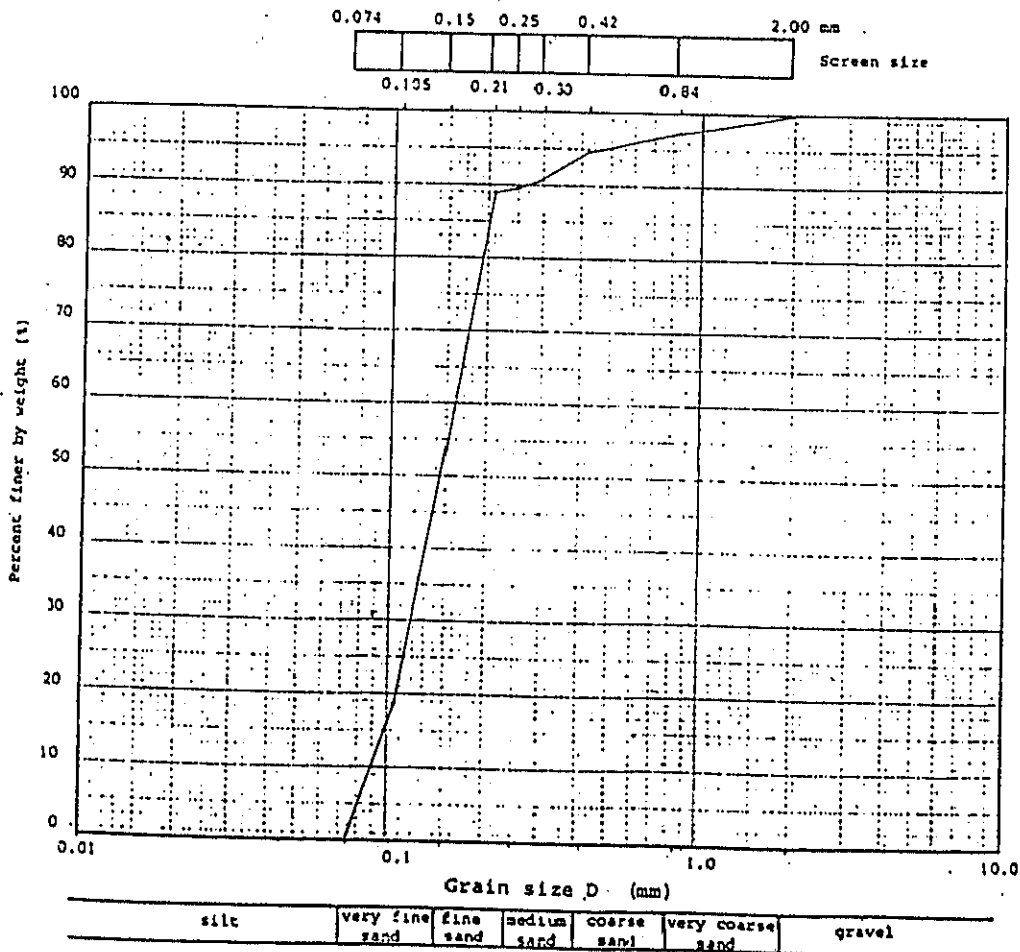
Grain Size Analysis

Sample No. 72 B Date _____
 Name of sample Beach Sand Signature _____
 Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	5.05	97.475
0.42	5.3	94.825
0.30	7.6	91.025
0.25	2.65	89.7
0.21	11.45	83.975
0.15	60.7	53.625
0.105	69.9	18.675
0.074	36.15	0.6
	1.20	-

Very coarse sand (2.00-0.84mm) %	2.525
Coarse sand (0.84-0.42mm) %	2.65
Medium sand (0.42-0.25mm) %	5.125
Fine sand (0.25-0.15mm) %	36.075
Very fine sand (0.15-0.074mm) %	53.025
Silt or clay (under 0.074mm) %	0.6
Maximum grain size mm	0.84
60% grain size mm	0.16
30% grain size mm	0.119
10% grain size mm	0.089
Coefficient of uniformity U_c	1.798
Coefficient of curvature U_c'	0.994

Grain size accumulation curve



App.3.122

Grain Size Analysis

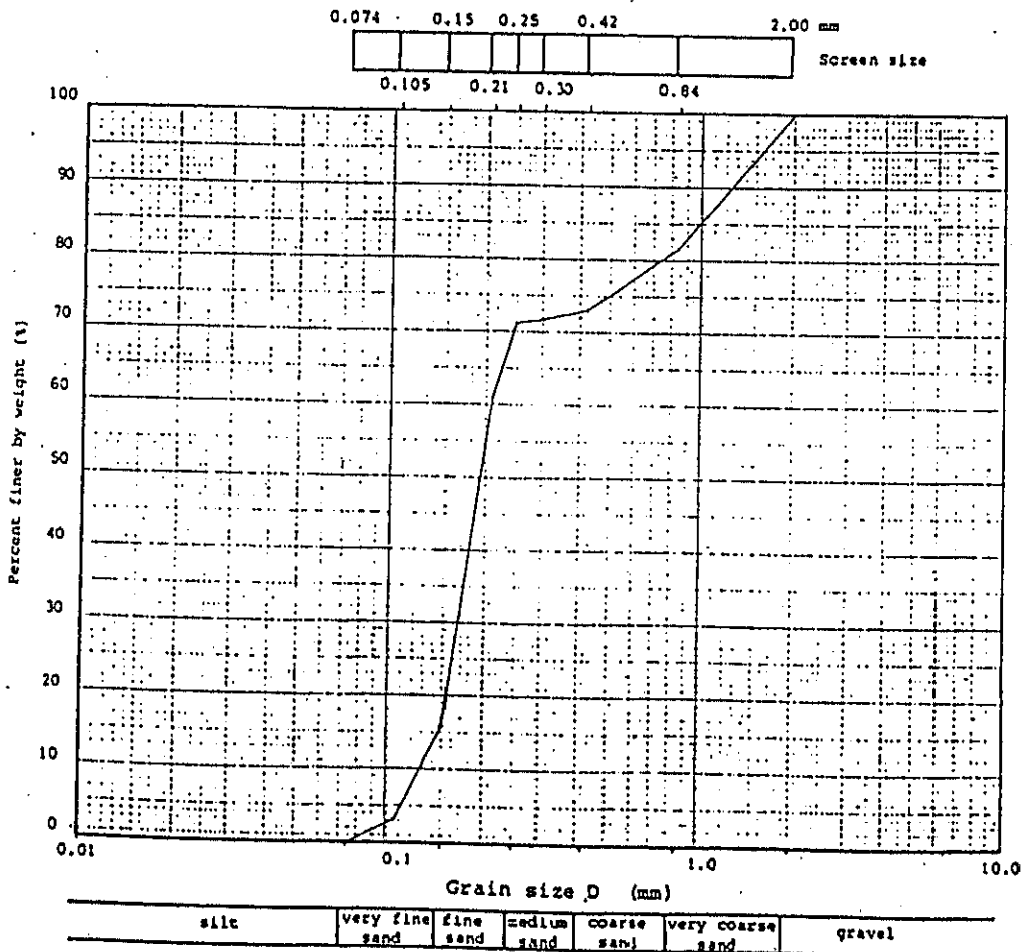
Sample No. 73 A
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	36.8	81.6
0.42	16.8	73.2
0.30	3.10	71.65
0.25	0.85	71.225
0.21	20.05	61.20
0.15	90.85	15.775
0.105	25.15	3.20
0.074	6.40	0
	0	-

Very coarse sand (2.00-0.84mm) %	18.4
Coarse sand (0.84-0.42mm) %	8.4
Medium sand (0.42-0.25mm) %	1.975
Fine sand (0.25-0.15mm) %	55.45
Very fine sand (0.15-0.074mm) %	15.775
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.21
30% grain size mm	0.165
10% grain size mm	0.128
Coefficient of uniformity U_c	1.641
Coefficient of curvature U_c'	1.013

Grain size accumulation curve



App. 3.123

Grain Size Analysis

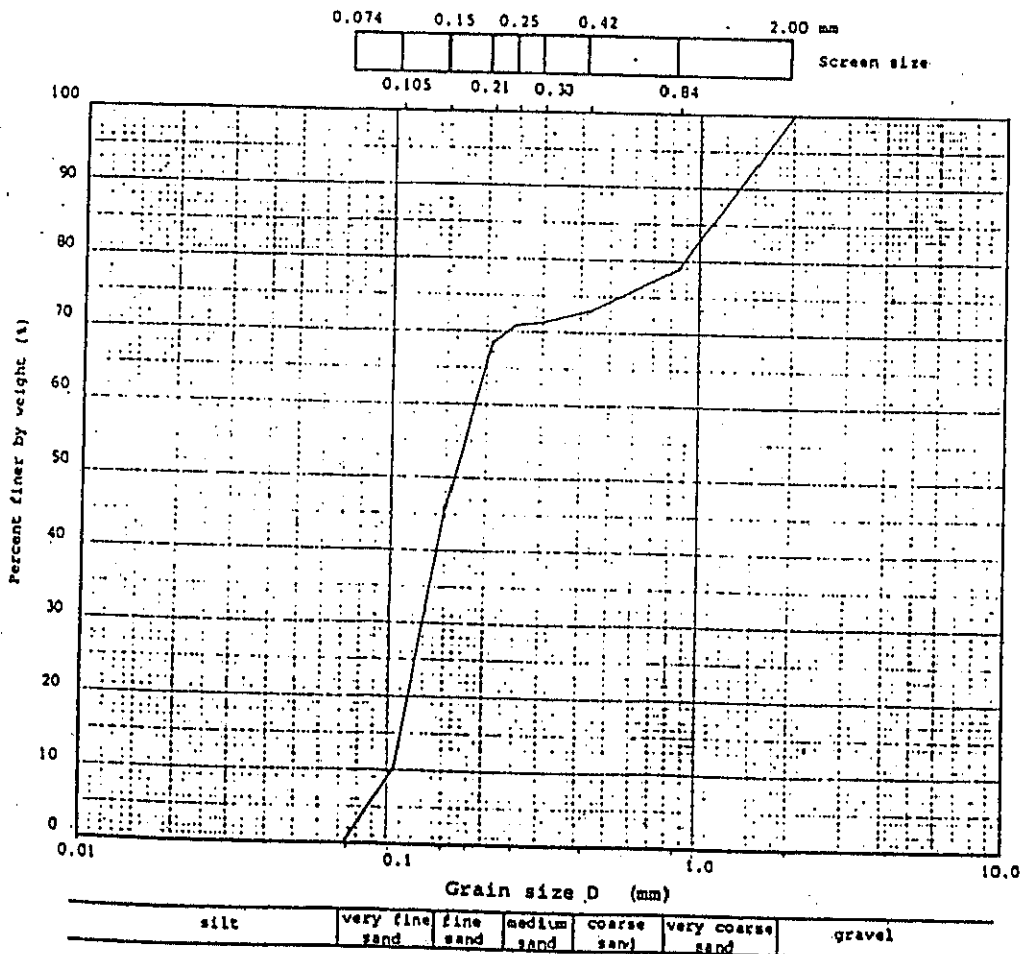
Sample No. 73 B
 Name of sample Bali Beach Sand
 Locality Nusa Dua Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	41.95	79.025
0.42	11.95	73.05
0.30	3.25	71.425
0.25	0.75	71.05
0.21	4.8	68.65
0.15	45.15	46.075
0.105	71.65	10.25
0.074	19.75	0.375
	0.75	-

Very coarse sand (2.00-0.84mm) %	20.975
Coarse sand (0.84-0.42mm) %	5.975
Medium sand (0.42-0.25mm) %	2.0
Fine sand (0.25-0.15mm) %	24.975
Very fine sand (0.15-0.074mm) %	45.70
Silt or clay (under 0.074mm) %	0.375
Maximum grain size mm	0.84
60% grain size mm	0.184
30% grain size mm	0.129
10% grain size mm	0.103
Coefficient of uniformity U_c	1.786
Coefficient of curvature U_c'	0.878

Grain size accumulation curve



App. 3.124

Grain Size Analysis

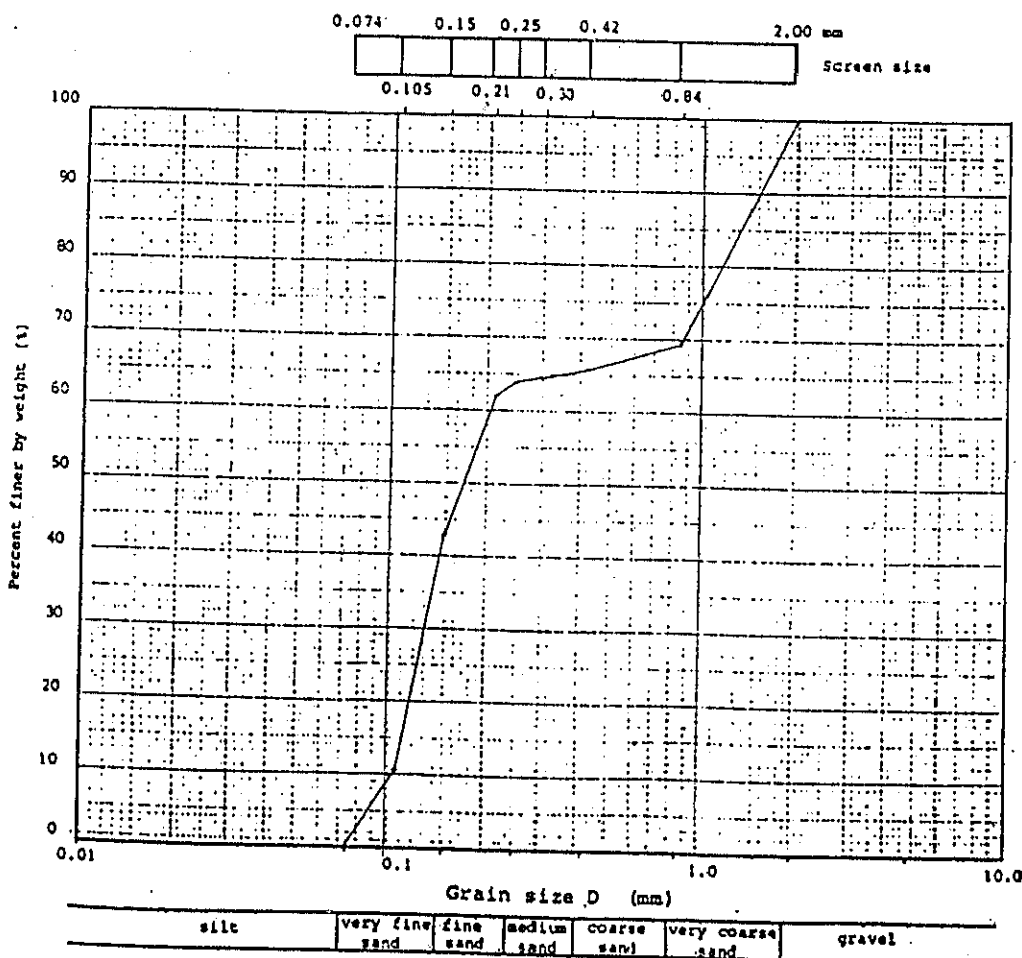
Sample No. 74 A
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	60.65	69.675
0.42	7.6	65.875
0.30	2.85	64.45
0.25	0.6	64.15
0.21	3.7	62.3
0.15	38.85	42.875
0.105	64.85	10.45
0.074	20.3	0.3
	0.60	-

Very coarse sand (2.00-0.84mm) %	30.325
Coarse sand (0.84-0.42mm) %	3.8
Medium sand (0.42-0.25mm) %	1.725
Fine sand (0.25-0.15mm) %	21.275
Very fine sand (0.15-0.074mm) %	42.575
Silt or clay (under 0.074mm) %	0.30
Maximum grain size mm	0.84
60% grain size mm	0.205
30% grain size mm	0.13
10% grain size mm	0.103
Coefficient of uniformity U_c	1.990
Coefficient of curvature U_c'	0.800

Grain size accumulation curve



App. 3.125

Grain Size Analysis

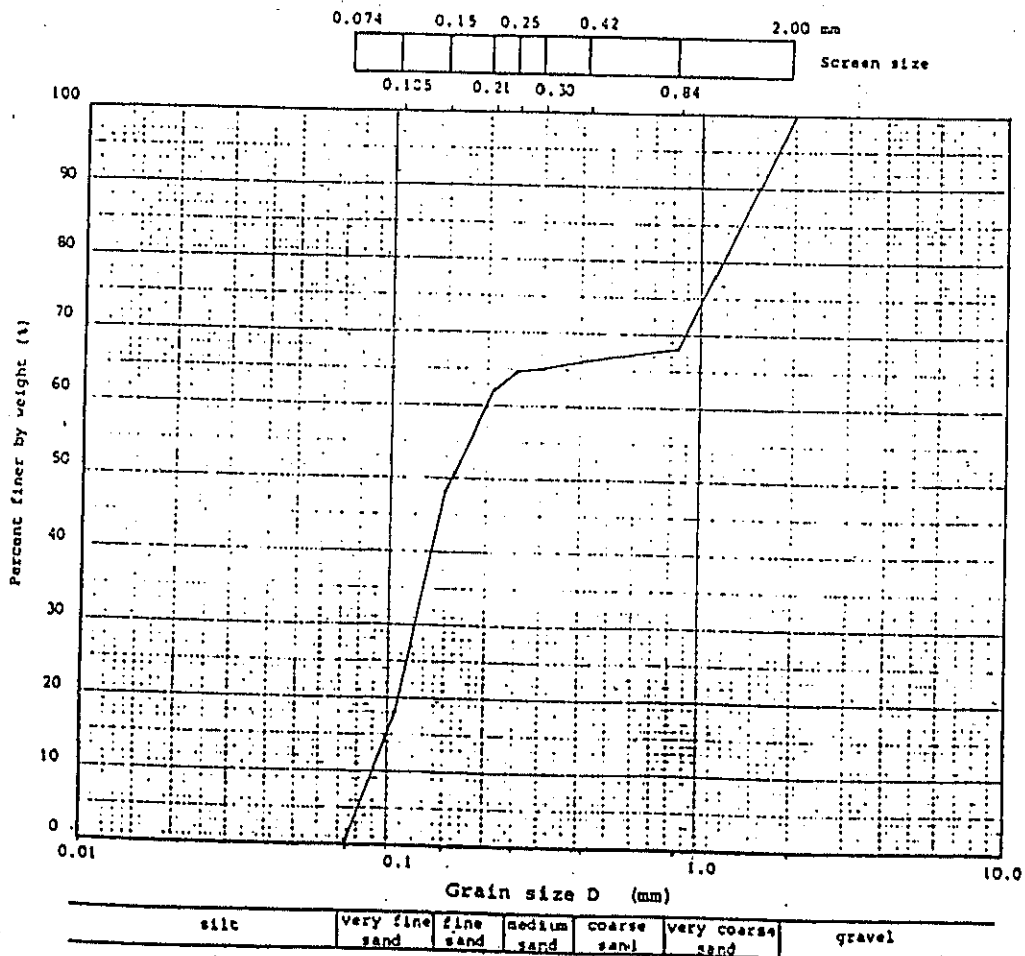
Sample No. 74 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	63.4	68.3
0.42	3.7	66.45
0.30	2.55	65.175
0.25	0.7	64.825
0.21	5.0	62.325
0.15	28.15	48.25
0.105	60.15	18.175
0.074	35.25	0.55
	1.10	-

Very coarse sand (2.00-0.84mm) %	31.7
Coarse sand (0.84-0.42mm) %	1.85
Medium sand (0.42-0.25mm) %	1.625
Fine sand (0.25-0.15mm) %	16.575
Very fine sand (0.15-0.074mm) %	47.7
Silt or clay (under 0.074mm) %	0.55
Maximum grain size mm	0.84
60% grain size mm	0.20
30% grain size mm	0.121
10% grain size mm	0.09
Coefficient of uniformity U_c	2.22
Coefficient of curvature U_c'	0.813

Grain size accumulation curve



App .3.126

Grain Size Analysis

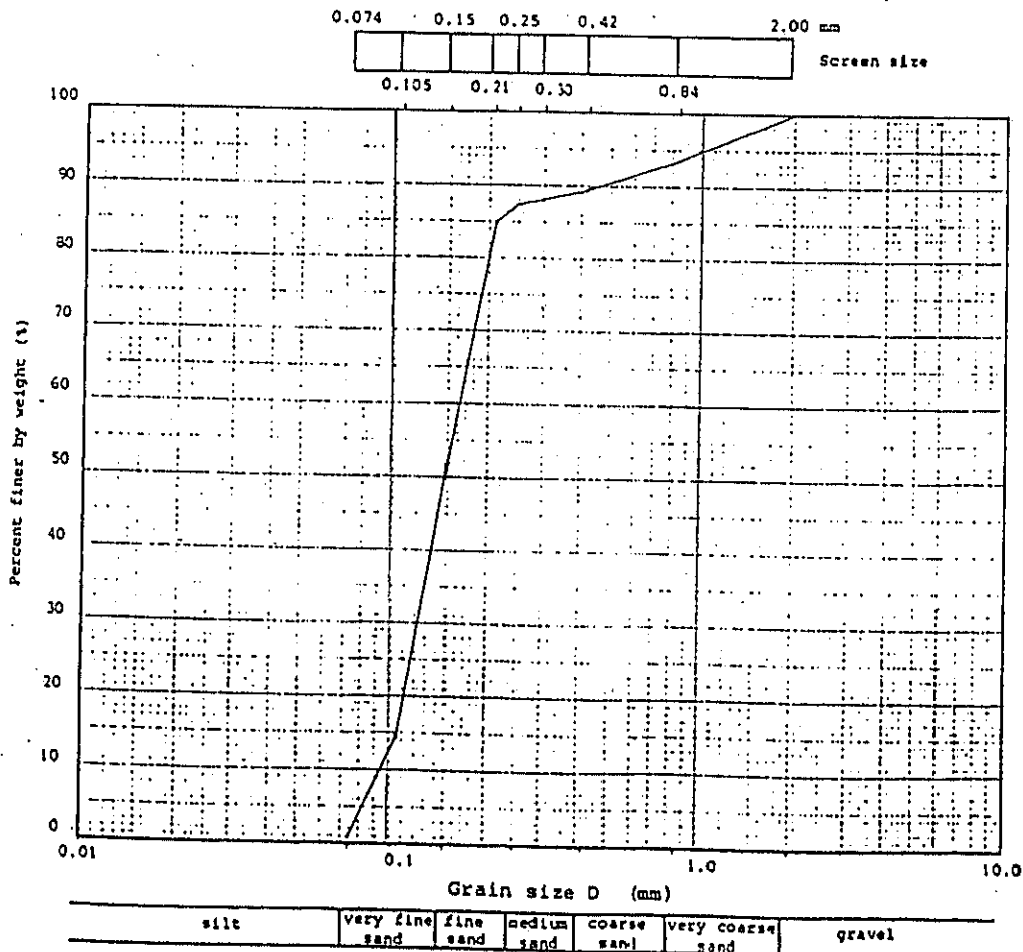
Sample No. 75 A
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	12.35	93.825
0.42	8.45	89.6
0.30	3.0	88.10
0.25	1.35	87.425
0.21	4.9	84.975
0.15	66.25	51.85
0.105	74.7	14.50
0.074	27.1	0.95
	1.90	-

Very coarse sand (2.00-0.84mm) %	6.175
Coarse sand (0.84-0.42mm) %	4.225
Medium sand (0.42-0.25mm) %	2.175
Fine sand (0.25-0.15mm) %	35.575
Very fine sand (0.15-0.074mm) %	50.9
Silt or clay (under 0.074mm) %	0.95
Maximum grain size mm	0.84
60% grain size mm	0.163
30% grain size mm	0.122
10% grain size mm	0.094
Coefficient of uniformity U_c	1.734
Coefficient of curvature U_c'	0.971

Grain size accumulation curve



App.3.127

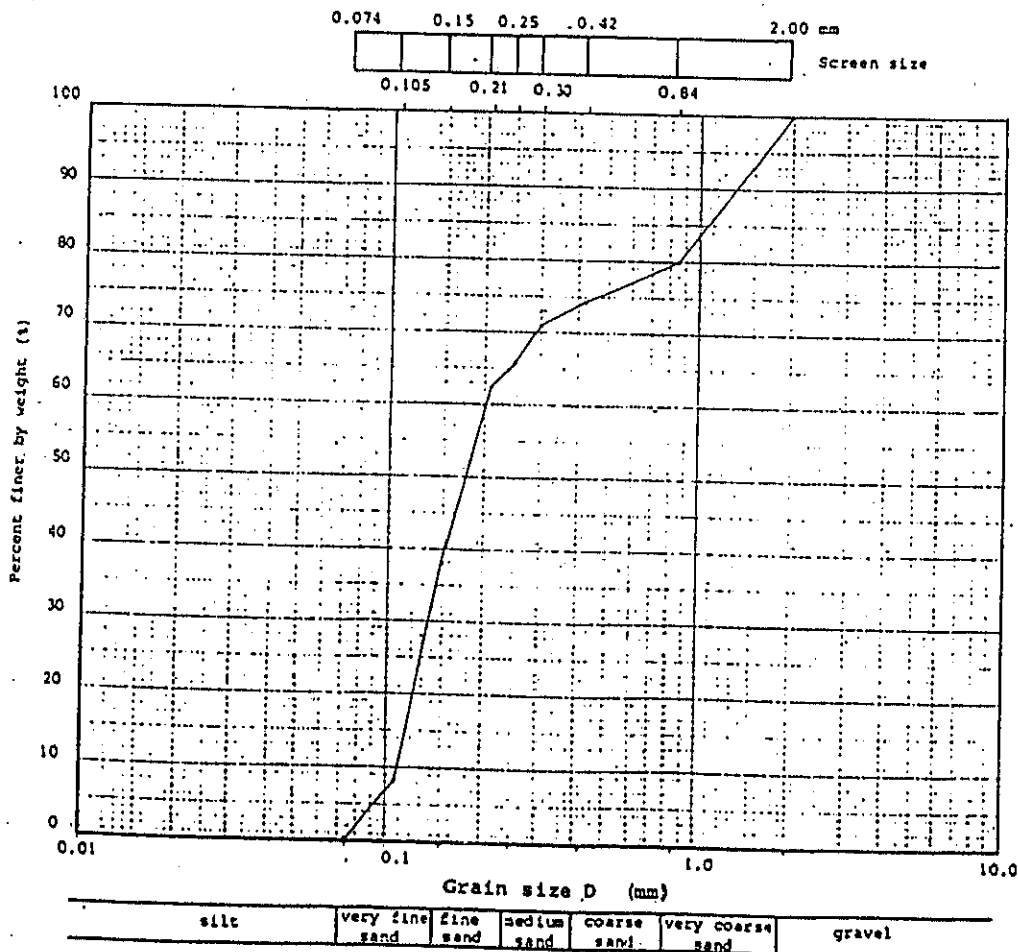
Grain Size Analysis

Sample No. 75 B Date _____
 Name of sample Beach Sand Signature _____
 Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00	-	100
0.84	39.20	80.4
0.42	12.2	74.3
0.30	6.45	71.075
0.25	10.35	65.9
0.21	6.5	62.65
0.15	49.1	38.1
0.105	59.5	8.35
0.074	16.2	0.25
	0.50	-

Very coarse sand (2.00-0.84mm) %	19.6
Coarse sand (0.84-0.42mm) %	6.1
Medium sand (0.42-0.25mm) %	8.4
Fine sand (0.25-0.15mm) %	27.8
Very fine sand (0.15-0.074mm) %	37.85
Silt or clay (under 0.074mm) %	0.25
Maximum grain size mm	0.84
60% grain size mm	0.20
30% grain size mm	0.135
10% grain size mm	0.109
Coefficient of uniformity U_c	1.835
Coefficient of curvature U_c'	0.836

Grain size accumulation curve



App.3.128

Grain Size Analysis

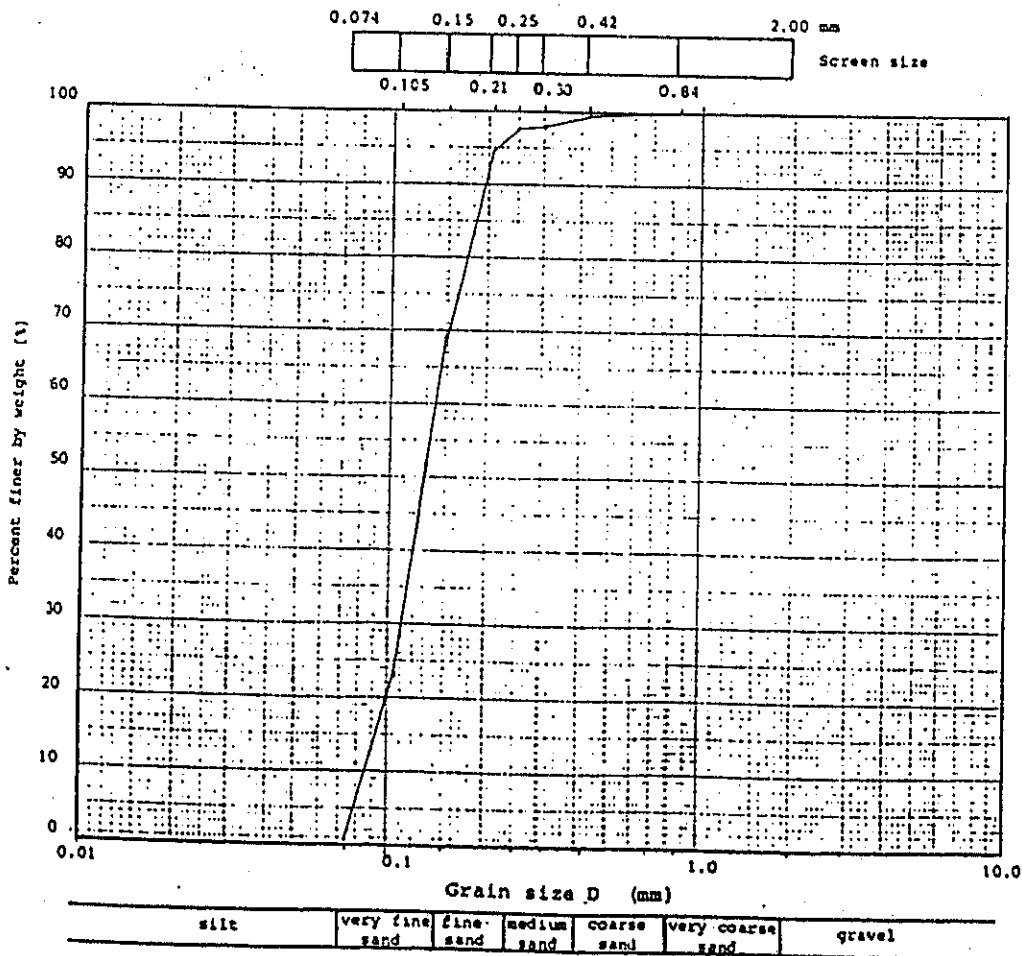
Sample No. 76 A
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	0	100
0.42	0.75	99.625
0.30	3.35	97.95
0.25	0.8	97.55
0.21	6.5	94.30
0.15	50.45	69.075
0.105	91.50	23.325
0.074	44.95	0.85
	1.70	-

Very coarse sand (2.00-0.84mm) %	0
Coarse sand (0.84-0.42mm) %	0.375
Medium sand (0.42-0.25mm) %	2.075
Fine sand (0.25-0.15mm) %	28.475
Very fine sand (0.15-0.074mm) %	68.225
Silt or clay (under 0.074mm) %	0.85
Maximum grain size mm	0.42
60% grain size mm	0.140
30% grain size mm	0.11
10% grain size mm	0.084
Coefficient of uniformity U_c	1.667
Coefficient of curvature U_c'	1.029

Grain size accumulation curve



App.3.129

Grain Size Analysis

Sample No. 76 B

Date _____

Name of sample Beach Sand

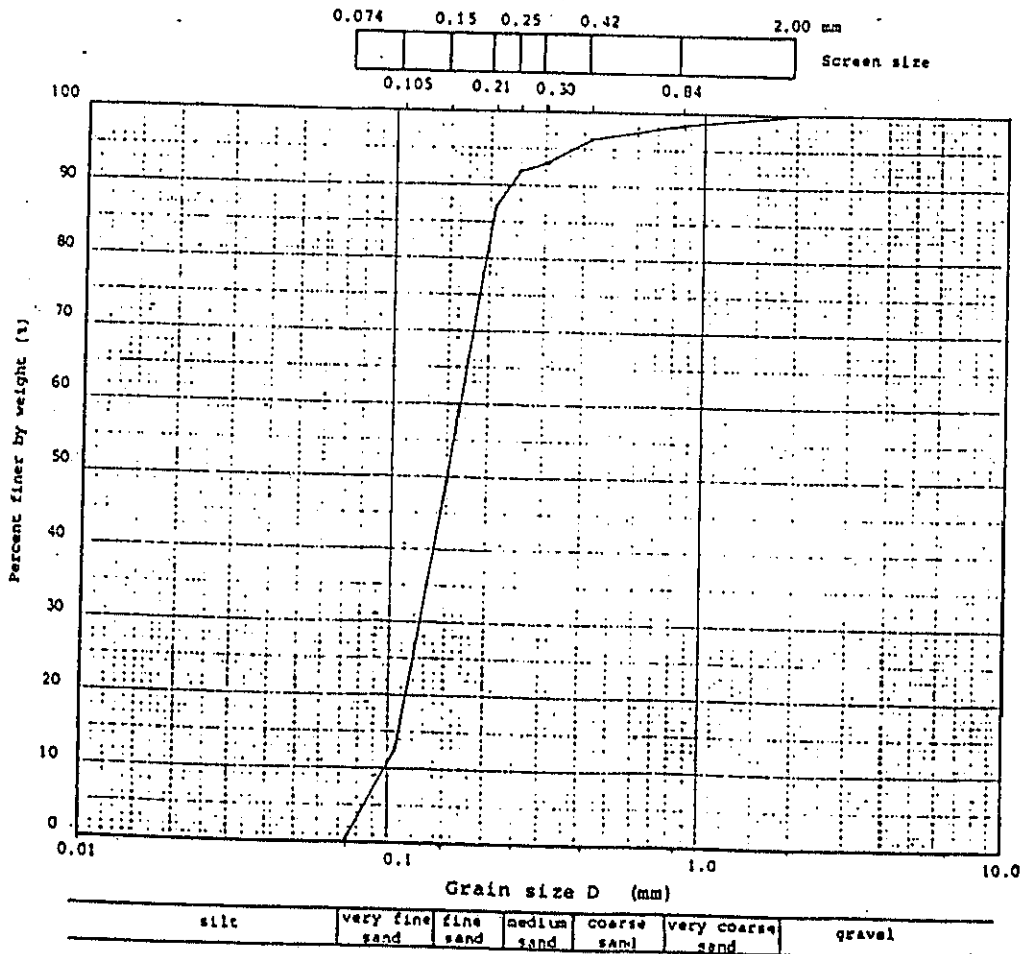
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	2.7	98.65
0.42	4.75	96.275
0.30	6.3	93.125
0.25	2.4	91.925
0.21	9.4	87.225
0.15	75.65	49.40
0.105	73.30	12.75
0.074	24.75	0.375
	0.75	-

Very coarse sand (2.00-0.84mm) %	1.35
Coarse sand (0.84-0.42mm) %	2.375
Medium sand (0.42-0.25mm) %	4.35
Fine sand (0.25-0.15mm) %	42.525
Very fine sand (0.15-0.074mm) %	49.025
silt or clay (under 0.074mm) %	0.375
Maximum grain size mm	0.84
60% grain size mm	0.161
30% grain size mm	0.125
10% grain size mm	0.098
Coefficient of uniformity U_c	1.643
Coefficient of curvature U_c'	0.990

Grain size accumulation curve



App. 3.130

Grain Size Analysis

Sample No. 77 A

Date _____

Name of sample Beach Sand

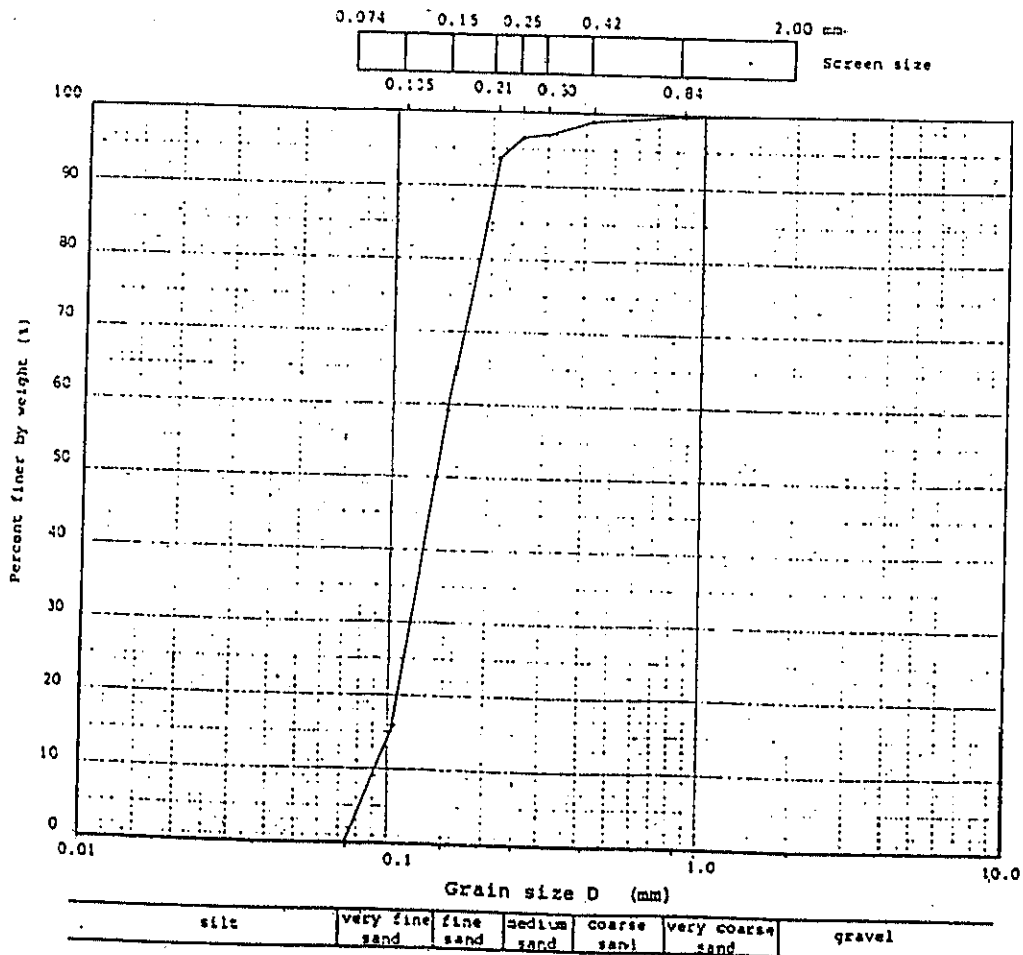
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	0.7	99.65
0.42	1.65	98.825
0.30	3.65	97.0
0.25	0.95	96.525
0.21	5.55	93.75
0.15	69.0	59.25
0.105	87.0	15.75
0.074	30.75	0.375
	0.75	-

Very coarse sand (2.00-0.84mm) %	0.35
Coarse sand (0.84-0.42mm) %	0.825
Medium sand (0.42-0.25mm) %	2.30
Fine sand (0.25-0.15mm) %	37.275
Very fine sand (0.15-0.074mm) %	58.875
Silt or clay (under 0.074mm) %	0.375
Maximum grain size mm	0.84
60% grain size mm	0.15
30% grain size mm	0.118
10% grain size mm	0.091
Coefficient of uniformity U_c	1.648
Coefficient of curvature U_c'	1.020

Grain size accumulation curve



App.3.131

Grain Size Analysis

Sample No. 77 B

Date _____

Name of sample Beach Sand

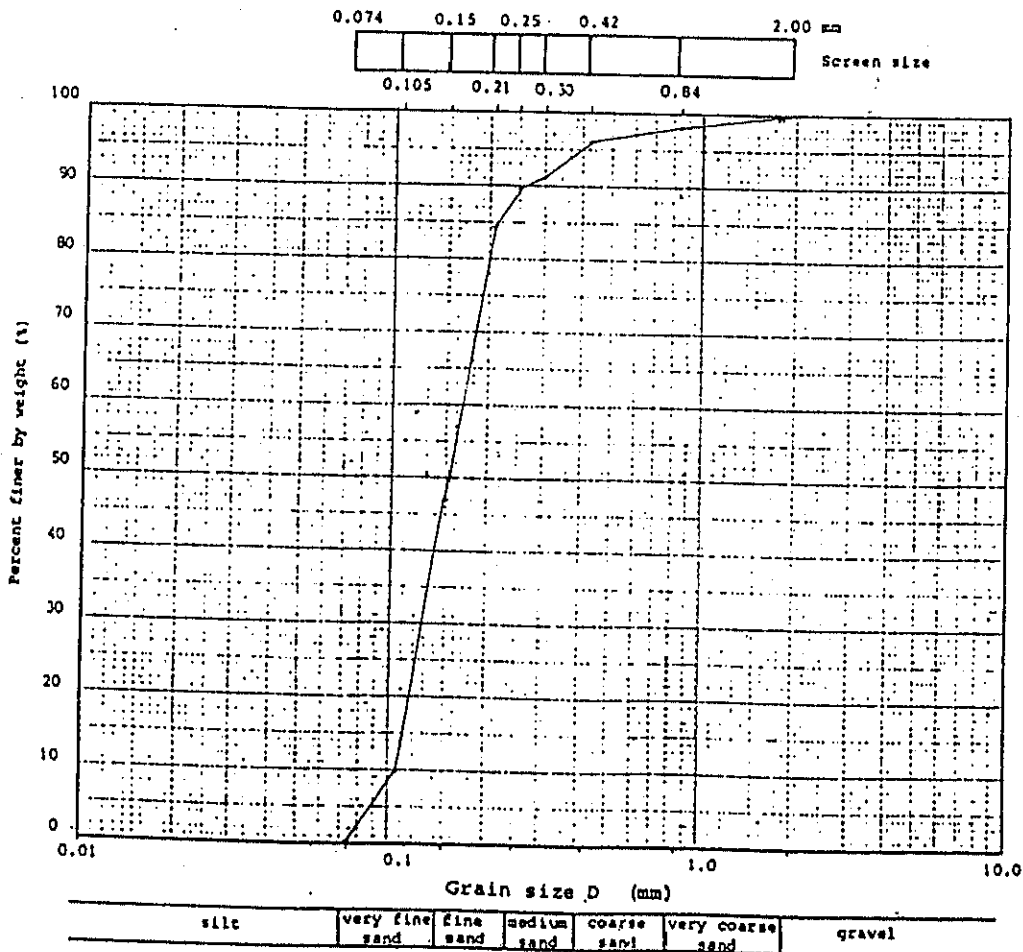
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	2.15	98.925
0.42	5.45	96.20
0.30	9.9	91.25
0.25	3.15	89.675
0.21	10.35	84.50
0.15	75.10	46.95
0.105	74.3	9.8
0.074	19.35	0.125
	0.25	-

Very coarse sand (2.00-0.84mm) %	1.075
Coarse sand (0.84-0.42mm) %	2.725
Medium sand (0.42-0.25mm) %	6.525
Fine sand (0.25-0.15mm) %	42.725
Very fine sand (0.15-0.074mm) %	46.825
Silt or clay (under 0.074mm) %	0.125
Maximum grain size mm	0.84
60% grain size mm	0.166
30% grain size mm	0.127
10% grain size mm	0.105
Coefficient of uniformity U_c	1.581
Coefficient of curvature U_c'	0.925

Grain size accumulation curve



App.3.132

Grain Size Analysis

Sample No. 78 A

Name of sample Bali Beach Sand

Locality Kuta Beach

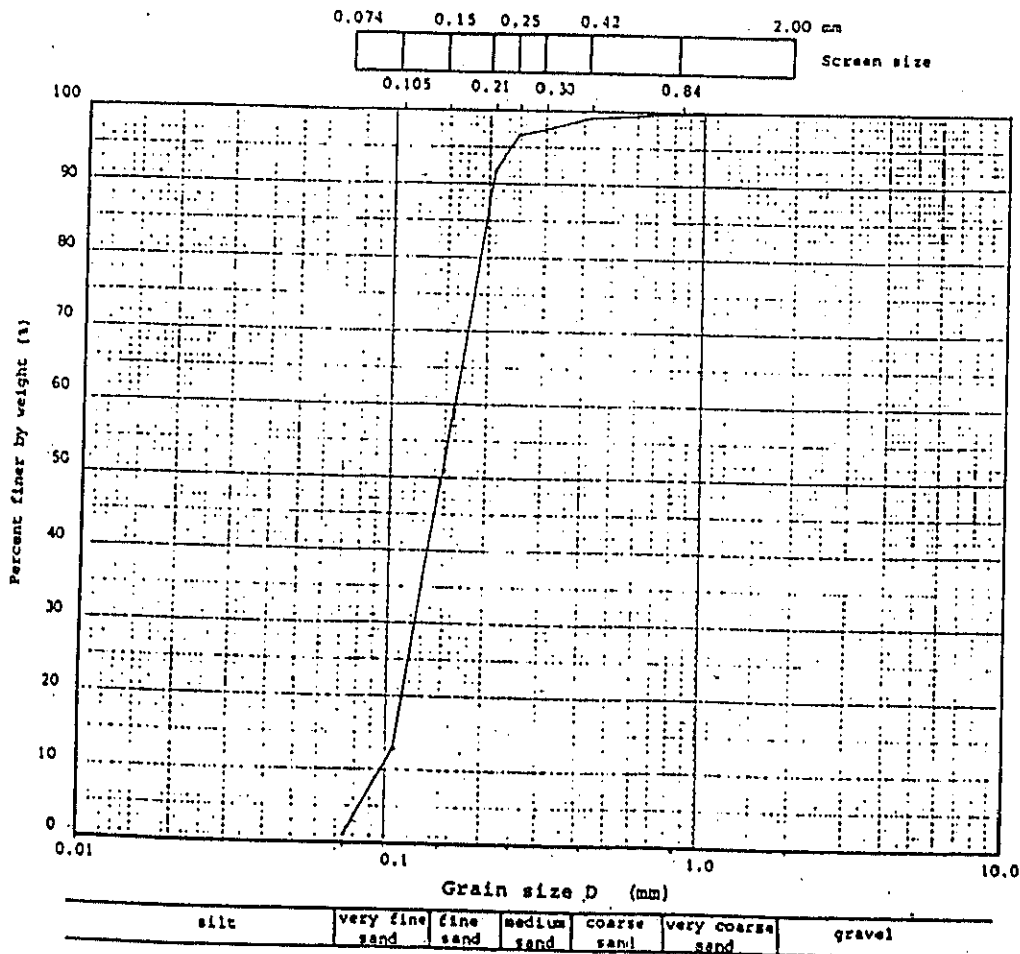
Date _____

Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	0.25	99.875
0.42	1.65	99.05
0.30	3.3	97.4
0.25	1.15	96.825
0.21	9.8	91.925
0.15	69.8	51.025
0.105	88.05	13.0
0.074	23.85	1.075
	2.15	-

Very coarse sand (2.00-0.84mm) %	0.125
Coarse sand (0.84-0.42mm) %	0.825
Medium sand (0.42-0.25mm) %	2.225
Fine sand (0.25-0.15mm) %	39.8
Very fine sand (0.15-0.074mm) %	55.95
Silt or clay (under 0.074mm) %	1.075
Maximum grain size mm	0.84
60% grain size mm	0.16
30% grain size mm	0.122
10% grain size mm	0.097
Coefficient of uniformity U_c	1.649
Coefficient of curvature U_c'	0.959

Grain size accumulation curve



App. 3.133

Grain Size Analysis

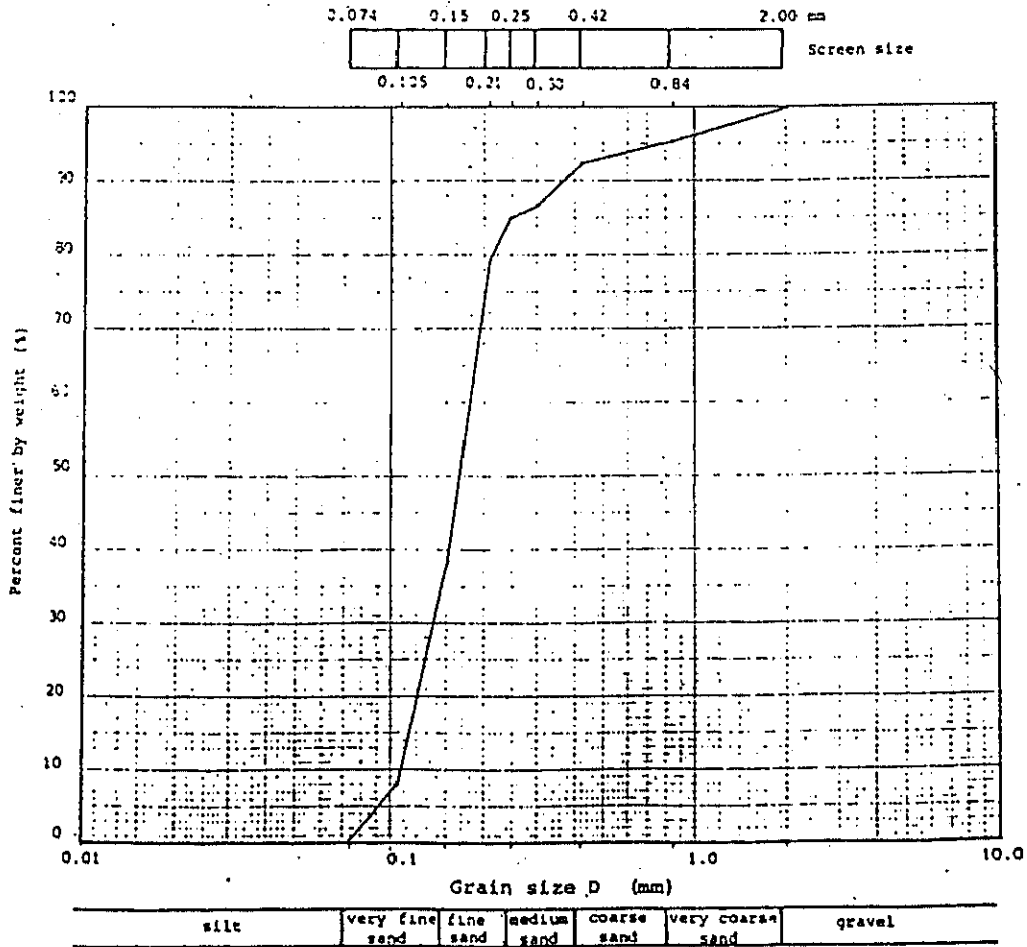
Sample No. 78 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	9.4	95.3
0.42	5.75	92.425
0.30	11.2	86.825
0.25	3.35	85.15
0.21	11.55	79.375
0.15	81.7	38.525
0.105	61.1	7.975
0.074	15.35	0.3
	0.60	-

Very coarse sand (2.00-0.84mm) %	4.7
Coarse sand (0.84-0.42mm) %	2.875
Medium sand (0.42-0.25mm) %	7.275
Fine sand (0.25-0.15mm) %	46.625
Very fine sand (0.15-0.074mm) %	38.225
Silt or clay (under 0.074mm) %	0.3
Maximum grain size mm	0.84
60% grain size mm	0.18
30% grain size mm	0.135
10% grain size mm	0.107
Coefficient of uniformity U_c	1.682
Coefficient of curvature U_c'	0.946

Grain size accumulation curve



App.3.134

Grain Size Analysis

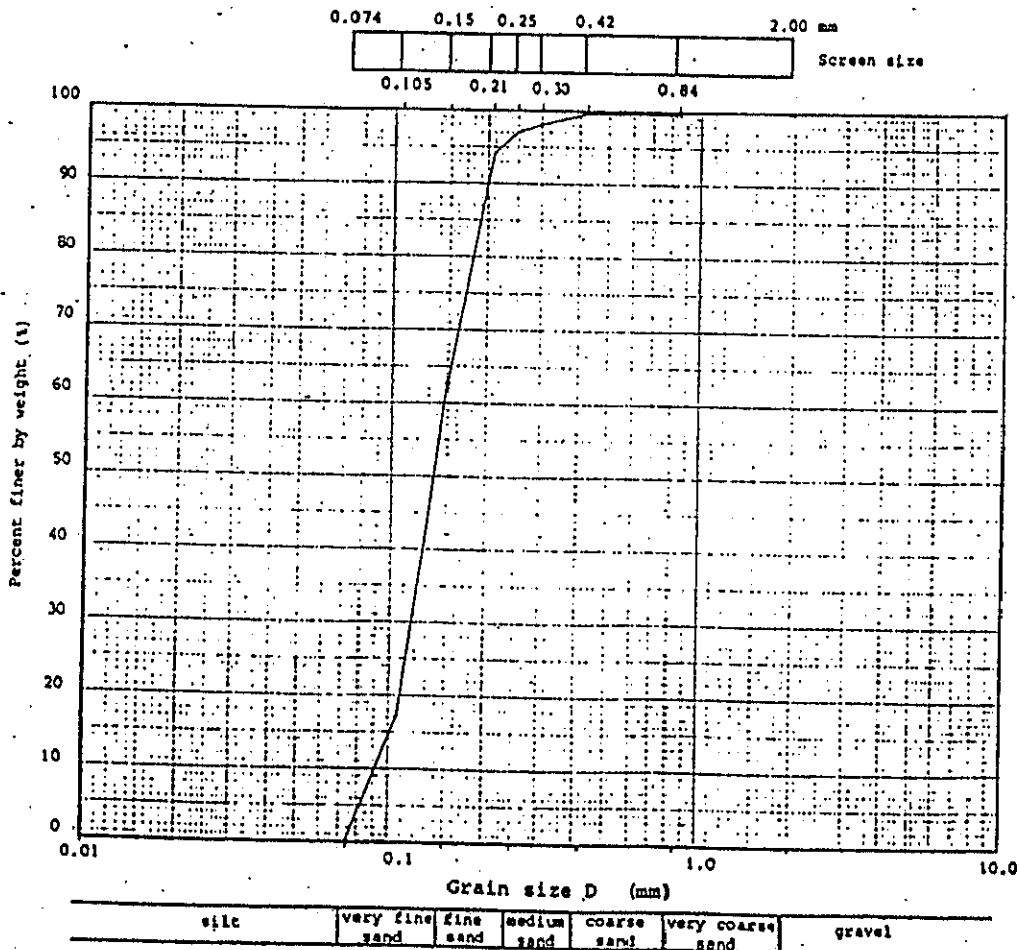
Sample No. 79 A
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	0.05	99.975
0.42	0.6	99.675
0.30	3.4	97.975
0.25	1.7	97.125
0.21	6	94.125
0.15	62.9	62.675
0.105	90.9	17.225
0.074	32.2	1.125
	2.25	-

Very coarse sand (2.00-0.84mm) %	0.025
Coarse sand (0.84-0.42mm) %	0.3
Medium sand (0.42-0.25mm) %	2.55
Fine sand (0.25-0.15mm) %	34.45
Very fine sand (0.15-0.074mm) %	61.55
Silt or clay (under 0.074mm) %	1.125
Maximum grain size mm	0.84
60% grain size mm	0.148
30% grain size mm	0.118
10% grain size mm	0.091
Coefficient of uniformity U_c	1.626
Coefficient of curvature U_c'	1.084

Grain size accumulation curve



App.3.135

Grain Size Analysis

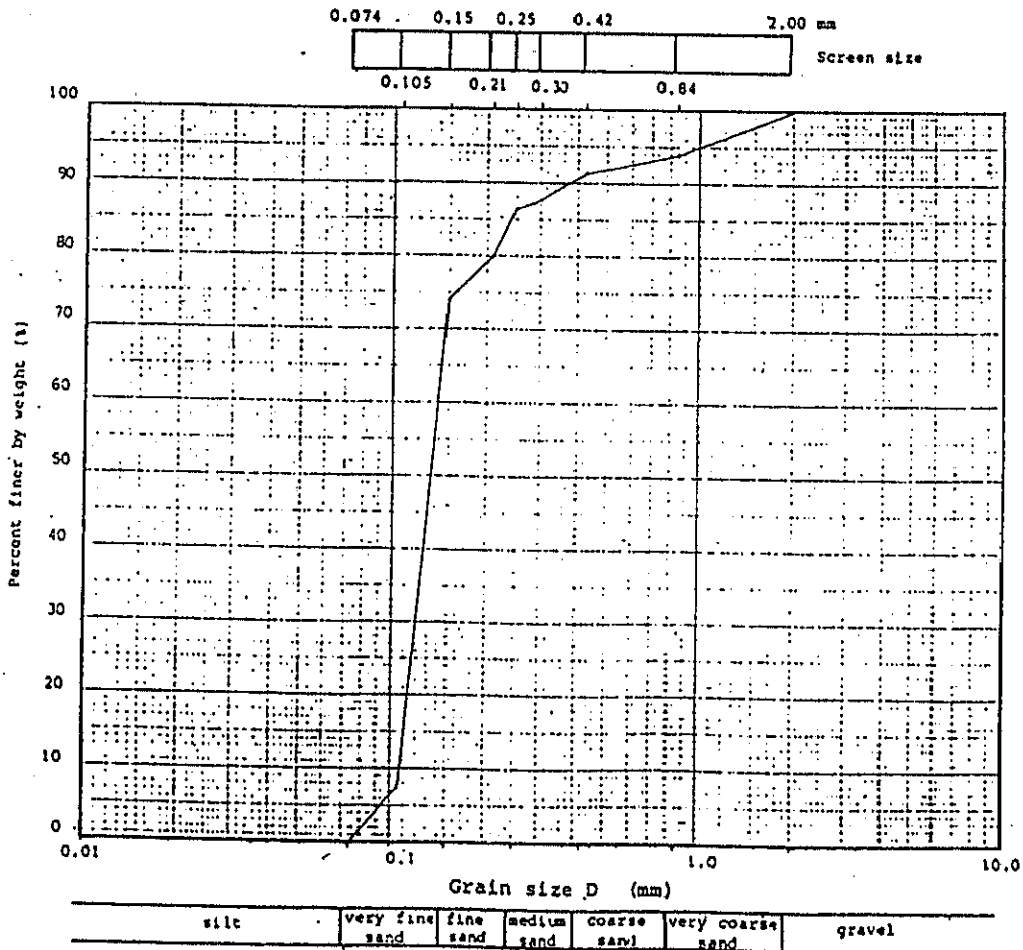
Sample No. 79 B
 Name of sample Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	12.0	94.0
0.42	5.9	91.05
0.30	6.7	87.7
0.25	2.4	86.5
0.21	13.0	80.0
0.15	11.7	74.15
0.105	133.35	7.475
0.074	14.95	0
	0	-

Very coarse sand (2.00-0.84mm) %	6.0
Coarse sand (0.84-0.42mm) %	2.95
Medium sand (0.42-0.25mm) %	4.55
Fine sand (0.25-0.15mm) %	12.35
Very fine sand (0.15-0.074mm) %	74.15
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.14
30% grain size mm	0.12
10% grain size mm	0.108
Coefficient of uniformity U_c	1.296
Coefficient of curvature U_c'	0.952

Grain size accumulation curve



App. 3.136

Grain Size Analysis

Sample No. 80 - 1A

Date _____

Name of sample Bali Beach Sand

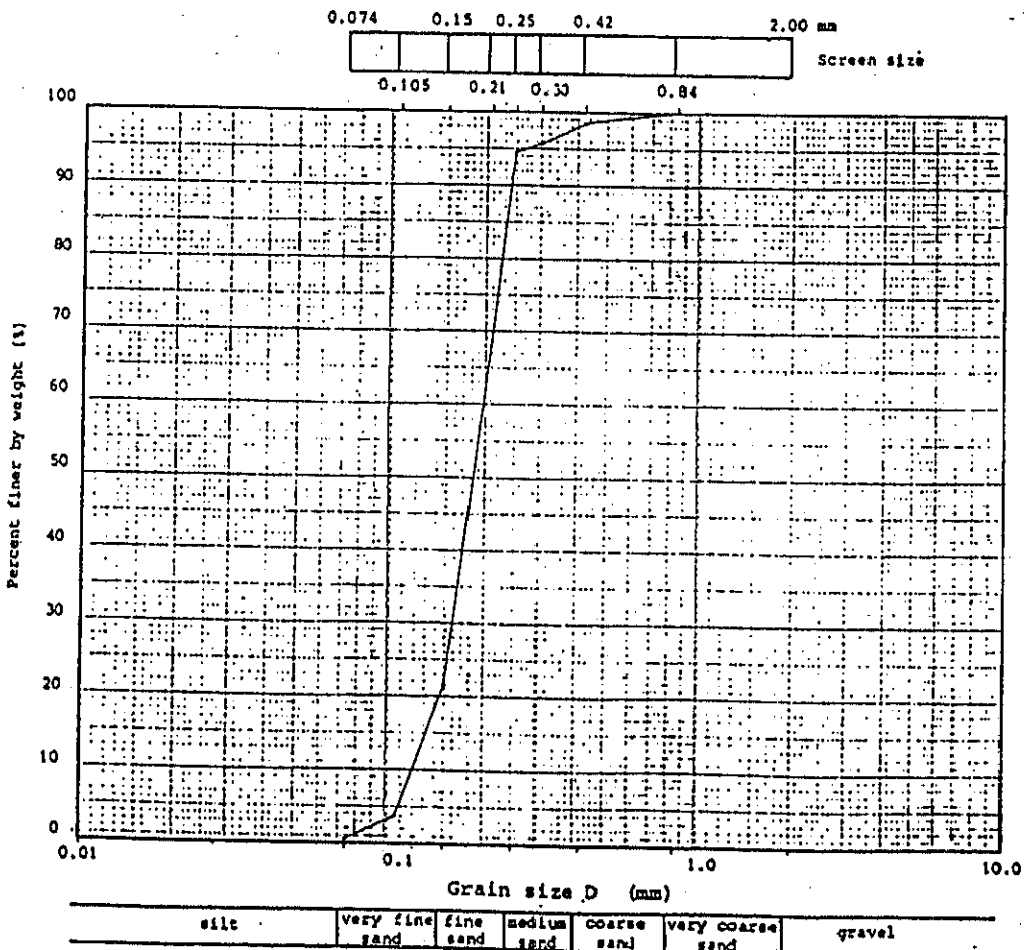
Signature _____

Locality Kuta Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84		100
0.42	2.8	98.6
0.30	5.8	95.7
0.25	2.3	94.55
0.21	52.0	68.55
0.15	94.05	21.525
0.105	35.5	3.775
0.074	6.6	0.475
	0.95	-

Very coarse sand (2.00-0.84mm) %	0
Coarse sand (0.84-0.42mm) %	1.4
Medium sand (0.42-0.25mm) %	4.05
Fine sand (0.25-0.15mm) %	73.025
Very fine sand (0.15-0.074mm) %	21.05
Silt or clay (under 0.074mm) %	0.475
Maximum grain size mm	0.42
60% grain size mm	0.198
30% grain size mm	0.16
10% grain size mm	0.12
Coefficient of uniformity U_c	1.650
Coefficient of curvature U_c'	1.077

Grain size accumulation curve



App.3.137

Grain Size Analysis

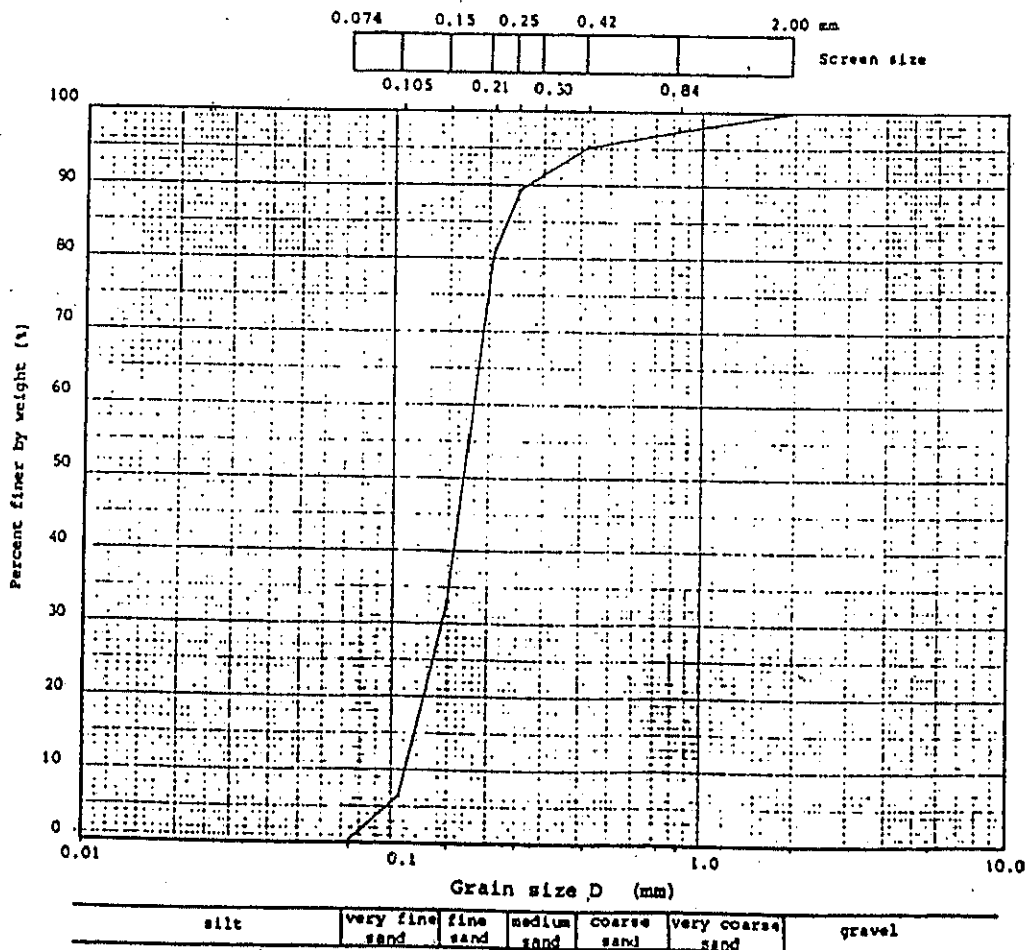
Sample No. 80 - 1 B
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	4.65	97.675
0.42	4.9	95.225
0.30	7.55	91.45
0.25	3.25	89.825
0.21	17.2	81.225
0.15	96.2	33.125
0.105	53.2	6.525
0.074	12.4	0.325
	0.65	-

Very coarse sand (2.00-0.84mm) %	2.325
Coarse sand (0.84-0.42mm) %	2.45
Medium sand (0.42-0.25mm) %	5.4
Fine sand (0.25-0.15mm) %	56.7
Very fine sand (0.15-0.074mm) %	32.8
Silt or clay (under 0.074mm) %	0.325
Maximum grain size mm	0.84
60% grain size mm	0.18
30% grain size mm	0.144
10% grain size mm	0.11
Coefficient of uniformity U_c	1.636
Coefficient of curvature U_c'	1.047

Grain size accumulation curve



Grain Size Analysis

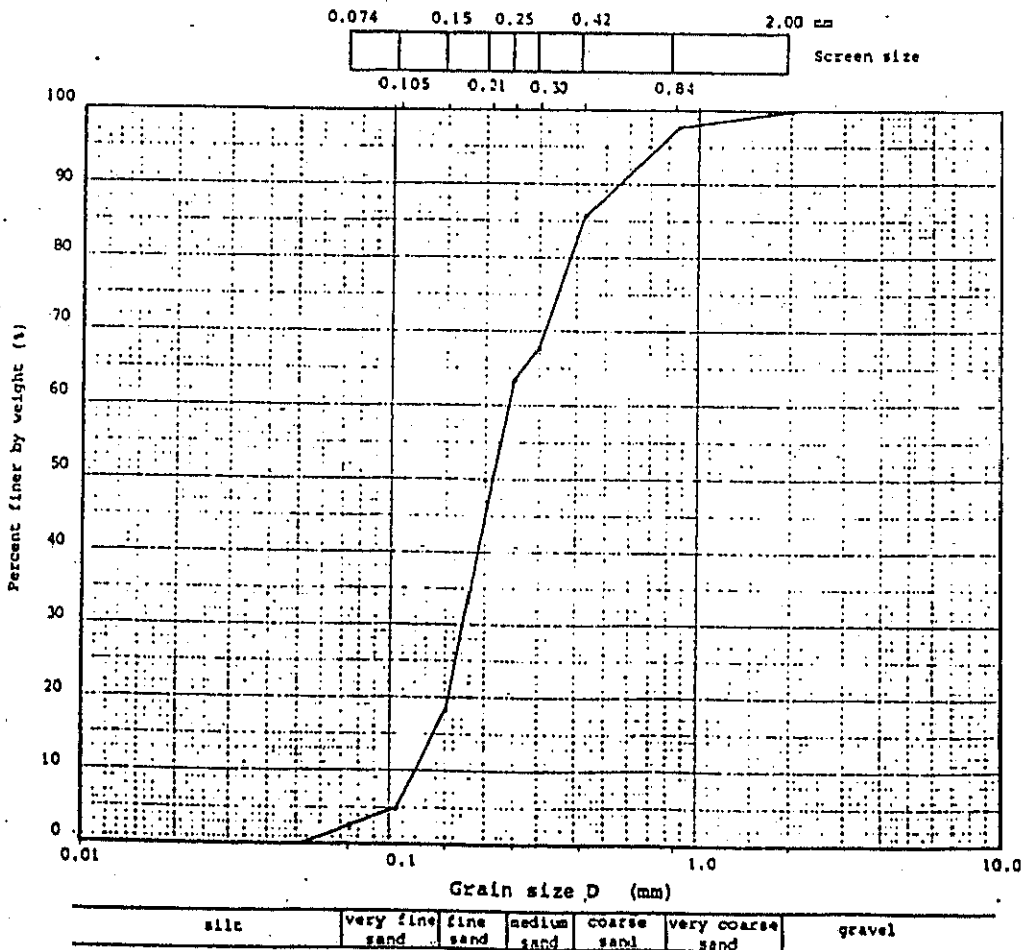
Sample No. 80 - 2A
 Name of sample Bali Beach Sand
 Locality Kuta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	5.10	97.45
0.42	23.35	85.775
0.30	36.40	67.575
0.25	8.65	63.25
0.21	26.55	49.975
0.15	63.65	18.15
0.105	26.30	5.0
0.074	4.30	2.85
	5.70	-

Very coarse sand (2.00-0.84mm) %	2.55
Coarse sand (0.84-0.42mm) %	11.675
Medium sand (0.42-0.25mm) %	22.525
Fine sand (0.25-0.15mm) %	45.10
Very fine sand (0.15-0.074mm) %	15.30
Silt or clay (under 0.074mm) %	2.85
Maximum grain size mm	0.48
60% grain size mm	0.235
30% grain size mm	0.17
10% grain size mm	0.12
Coefficient of uniformity U_c	1.958
Coefficient of curvature U_c'	1.025

Grain size accumulation curve



App. 3.139

Grain Size Analysis

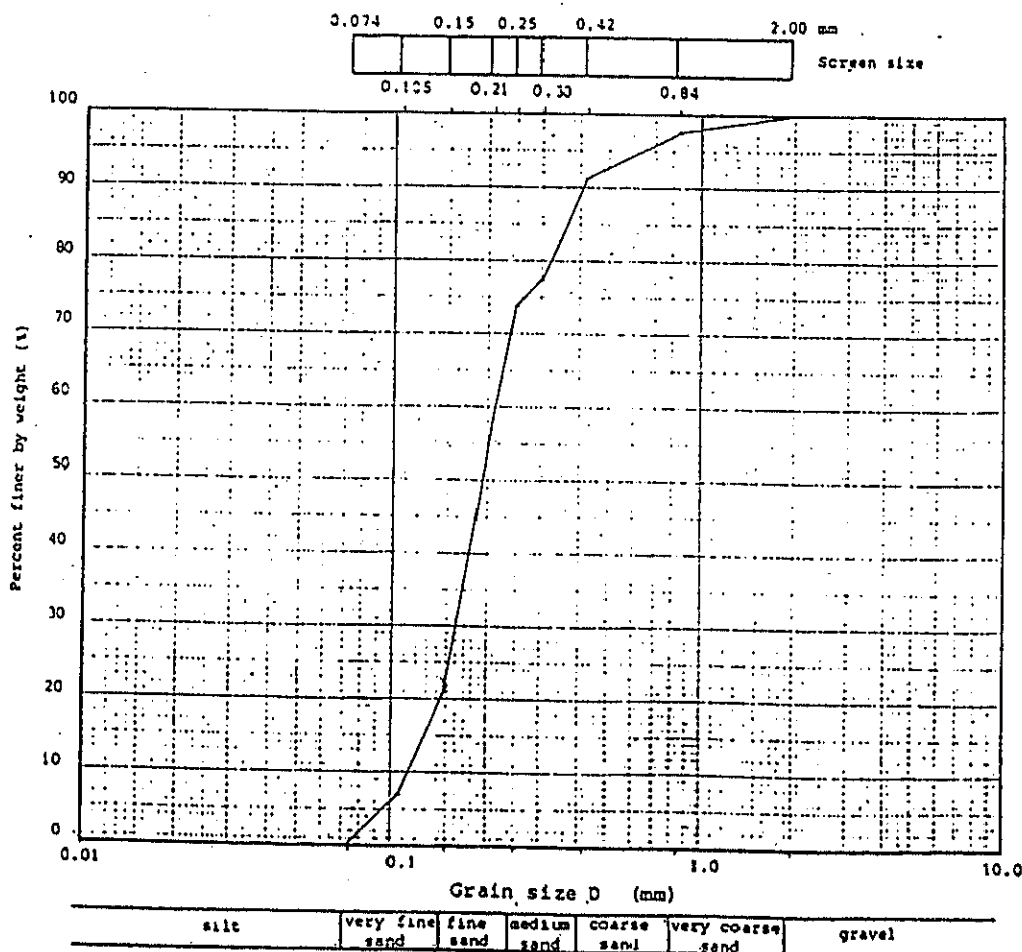
Sample No. 80 - 2B
 Name of sample Bali Beach Sand
 Locality Ruta Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	4.85	97.575
0.42	12.50	91.325
0.30	27.65	77.50
0.25	7.10	73.95
0.21	30.65	58.625
0.15	73.45	21.90
0.105	29.40	7.20
0.074	10.95	1.725
	3.45	-

Very coarse sand (2.00-0.84mm) %	2.425
Coarse sand (0.84-0.42mm) %	6.25
Medium sand (0.42-0.25mm) %	17.375
Fine sand (0.25-0.15mm) %	52.05
Very fine sand (0.15-0.074mm) %	20.175
Silt or clay (under 0.074mm) %	1.725
Maximum grain size mm	0.84
60% grain size mm	0.21
30% grain size mm	0.16
10% grain size mm	0.114
Coefficient of uniformity U_c	1.842
Coefficient of curvature U_c'	1.069

Grain size accumulation curve



App. 3.140

Grain Size Analysis

Sample No. 81 A

Date _____

Name of sample Beach Sand

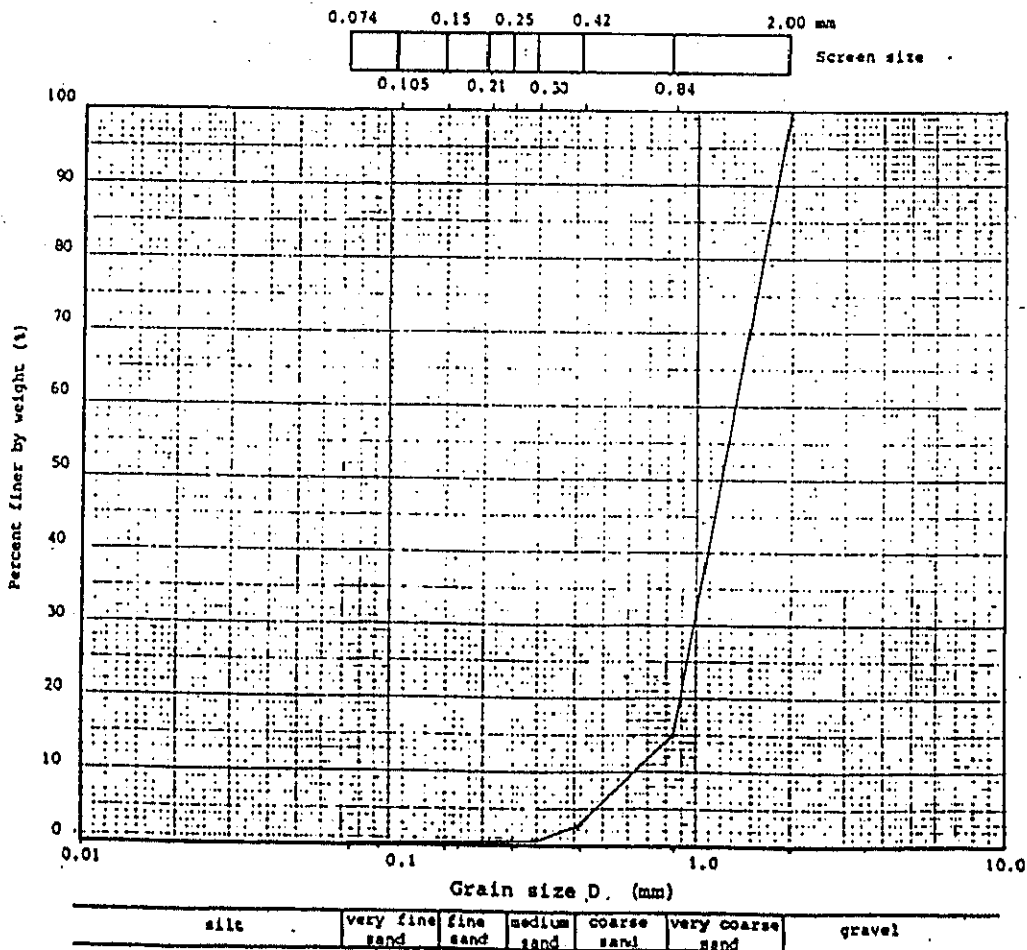
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	170.05	14.975
0.42	24.20	2.875
0.30	4.30	0.725
0.25	0.20	0.625
0.21	0.50	0.375
0.15	0.50	0.125
0.105	0.10	0.075
0.074	0.10	0.025
	0.05	-

Very coarse sand (2.00-0.84mm) %	85.025
Coarse sand (0.84-0.42mm) %	12.10
Medium sand (0.42-0.25mm) %	2.25
Fine sand (0.25-0.15mm) %	0.50
Very fine sand (0.15-0.074mm) %	0.10
Silt or clay (under 0.074mm) %	0.025
Maximum grain size mm	0.84
60% grain size mm	1.31
30% grain size mm	0.98
10% grain size mm	0.63
Coefficient of uniformity U_c	2.079
Coefficient of curvature U_c'	1.164

Grain size accumulation curve



App.3.141

Grain Size Analysis

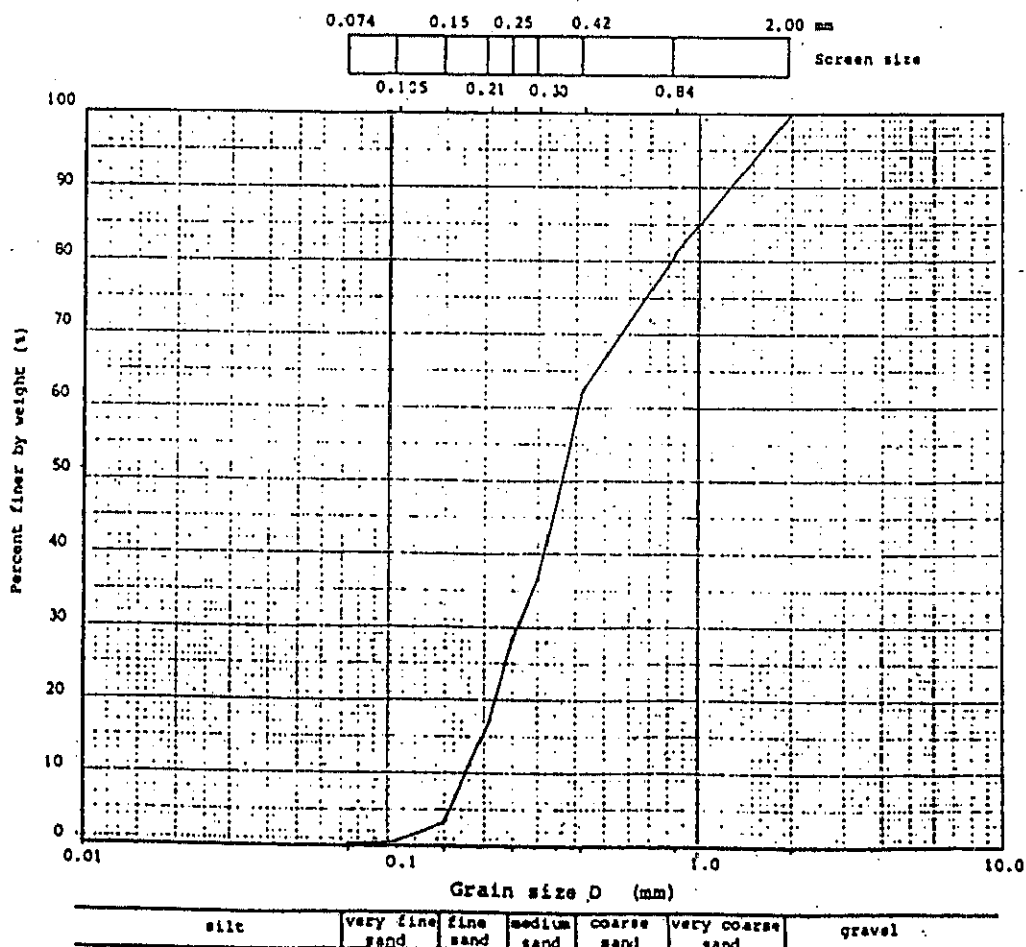
Sample No. 81 B
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	37.6	81.20
0.42	37.45	62.475
0.30	51.95	36.5
0.25	16.15	28.425
0.21	22.4	17.225
0.15	27.6	3.425
0.105	5.35	0.75
0.074	1.25	0.125
	0.25	-

Very coarse sand (2.00-0.84mm) %	18.8
Coarse sand (0.84-0.42mm) %	18.725
Medium sand (0.42-0.25mm) %	34.05
Fine sand (0.25-0.15mm) %	25.0
Very fine sand (0.15-0.074mm) %	3.3
Silt or clay (under 0.074mm) %	0.125
Maximum grain size mm	0.84
60% grain size mm	0.41
30% grain size mm	0.258
10% grain size mm	0.175
Coefficient of uniformity U_c	2.343
Coefficient of curvature U_c'	0.928

Grain size accumulation curve



App.3.142

Grain Size Analysis

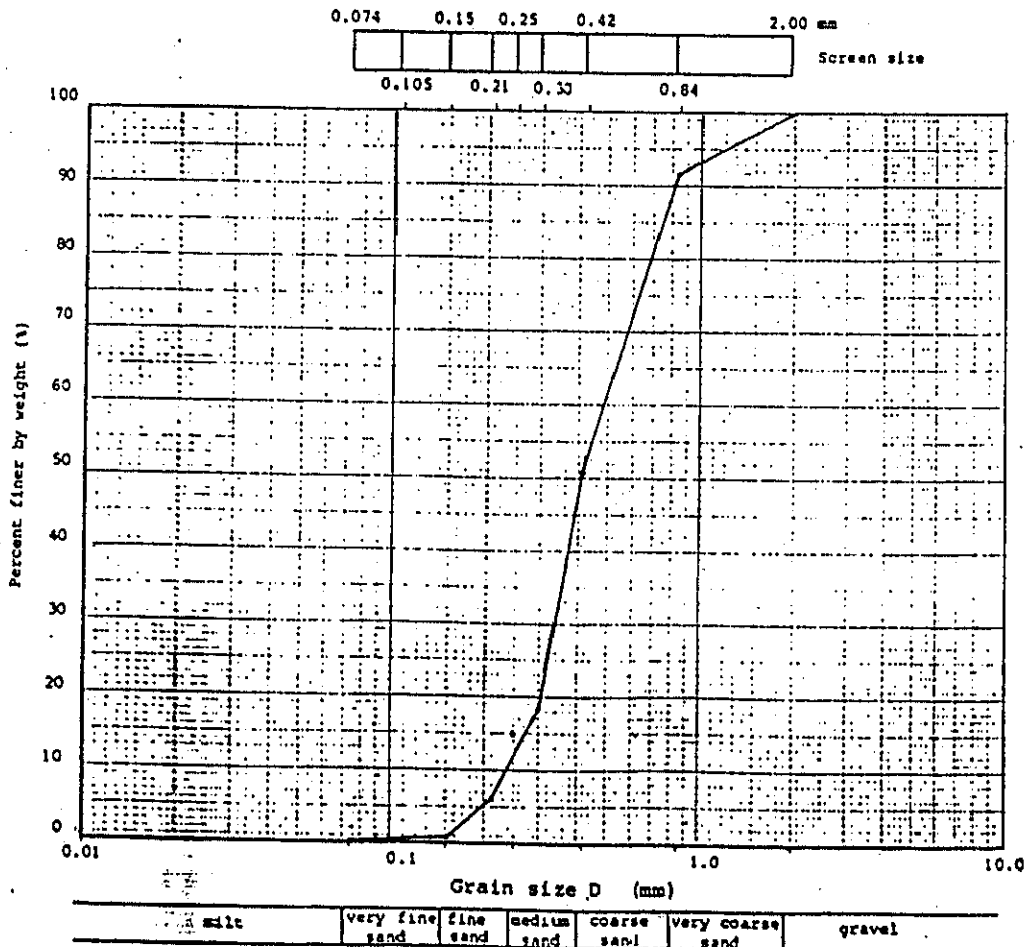
Sample No. 82 A
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	17.06	91.47
0.42	81.4	50.77
0.30	65.25	18.14
0.25	6.46	14.91
0.21	17.6	6.11
0.15	10.8	0.71
0.105	1.2	0.11
0.074	0.2	0.01
	0.02	-

Very coarse sand (2.00-0.84mm) %	8.53
Coarse sand (0.84-0.42mm) %	40.70
Medium sand (0.42-0.25mm) %	35.86
Fine sand (0.25-0.15mm) %	14.2
Very fine sand (0.15-0.074mm) %	0.7
Silt or clay (under 0.074mm) %	0.01
Maximum grain size mm	0.84
60% grain size mm	0.49
30% grain size mm	0.34
10% grain size mm	0.235
Coefficient of uniformity U_c	2.085
Coefficient of curvature U_c'	1.004

Grain size accumulation curve



App.3.143

Grain Size Analysis

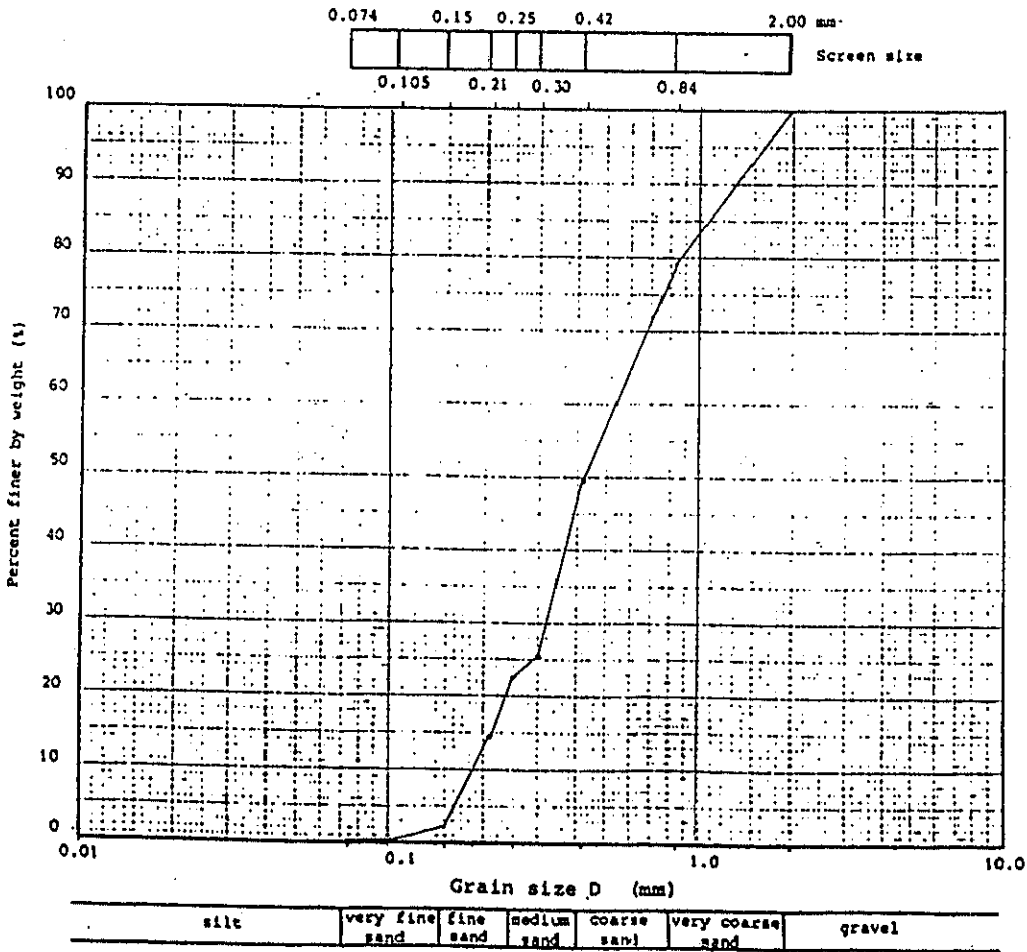
Sample No. 82 B
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	44.2	77.9
0.42	57.0	49.4
0.30	45.85	26.475
0.25	7.5	22.725
0.21	16.4	14.525
0.15	24.75	2.15
0.105	3.6	0.35
0.074	0.5	0.1
	0.20	-

g	
Very coarse sand (2.00-0.84mm) %	22.1
Coarse sand (0.84-0.42mm) %	28.5
Medium sand (0.42-0.25mm) %	26.675
Fine sand (0.25-0.15mm) %	20.575
Very fine sand (0.15-0.074mm) %	2.05
Silt or clay (under 0.074mm) %	0.1
Maximum grain size mm	0.84
60% grain size mm	0.53
30% grain size mm	0.32
10% grain size mm	0.181
Coefficient of uniformity U_c	2.928
Coefficient of curvature U_c'	1.067

Grain size accumulation curve



App.3.144

Grain Size Analysis

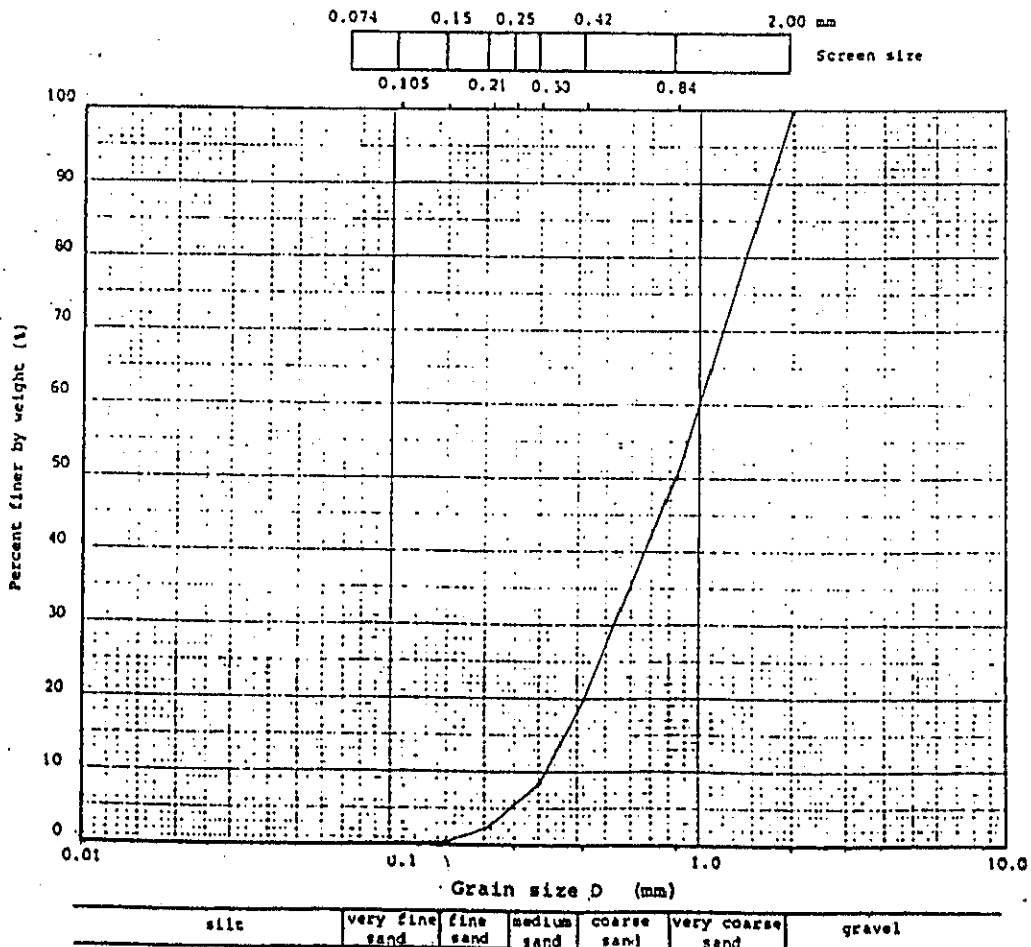
Sample No. 83 A
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	98.85	50.575
0.42	61.25	19.95
0.30	23.15	8.375
0.25	3.65	6.55
0.21	8.10	2.5
0.15	4.30	0.35
0.105	0.50	0.10
0.074	0.20	0
	0	-

Very coarse sand (2.00-0.84mm) %	49.425
Coarse sand (0.84-0.42mm) %	30.625
Medium sand (0.42-0.25mm) %	13.4
Fine sand (0.25-0.15mm) %	6.2
Very fine sand (0.15-0.074mm) %	0.35
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.0
30% grain size mm	0.53
10% grain size mm	0.315
Coefficient of uniformity U_c	3.175
Coefficient of curvature U_c'	0.892

Grain size accumulation curve



App.3.145

Grain Size Analysis

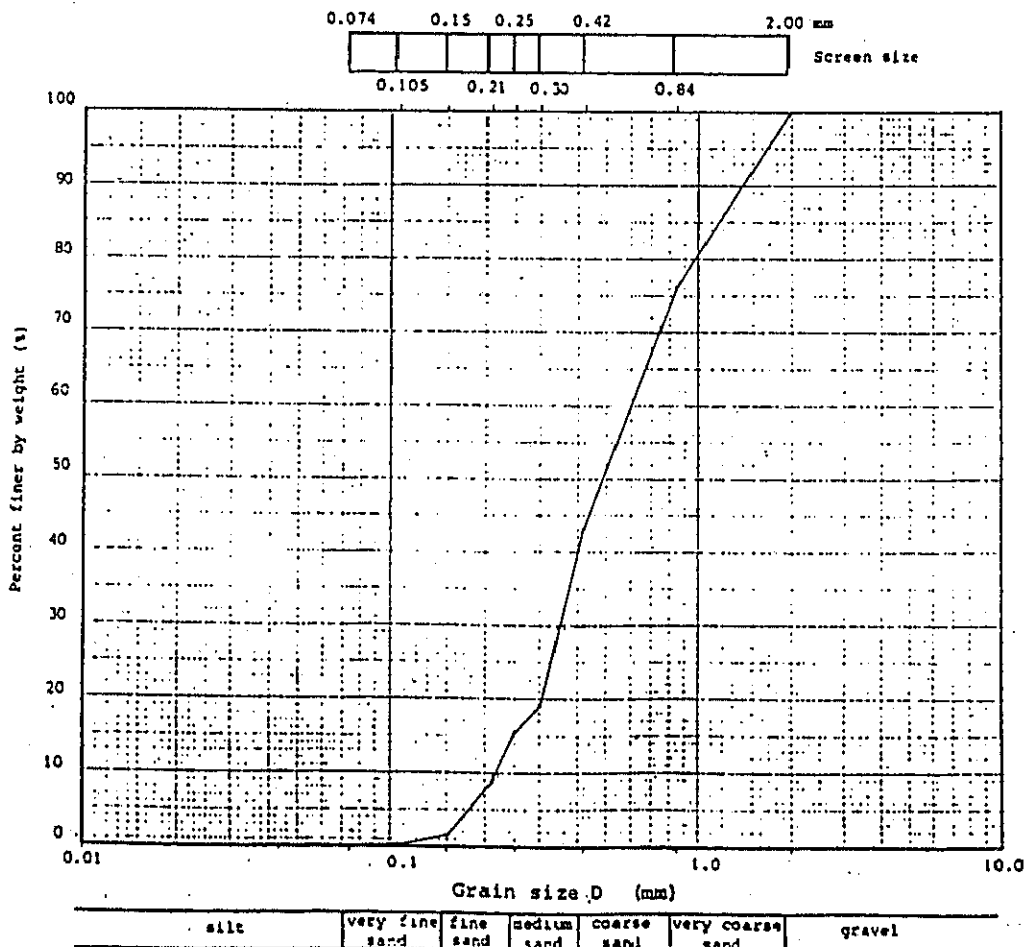
Sample No. 83 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	47.35	76.325
0.42	66.3	43.175
0.30	48.05	19.15
0.25	7.2	15.55
0.21	13.0	9.05
0.15	14.8	1.65
0.105	2.75	0.275
0.074	0.50	0.025
	0.05	-

Very coarse sand (2.00-0.84mm) %	23.675
Coarse sand (0.84-0.42mm) %	33.15
Medium sand (0.42-0.25mm) %	27.625
Fine sand (0.25-0.15mm) %	13.9
Very fine sand (0.15-0.074mm) %	1.625
Silt or clay (under 0.074mm) %	0.025
Maximum grain size mm	0.84
60% grain size mm	0.6
30% grain size mm	0.35
10% grain size mm	0.215
Coefficient of uniformity U_c	2.791
Coefficient of curvature U_c'	0.95

Grain size accumulation curve



App.3.146

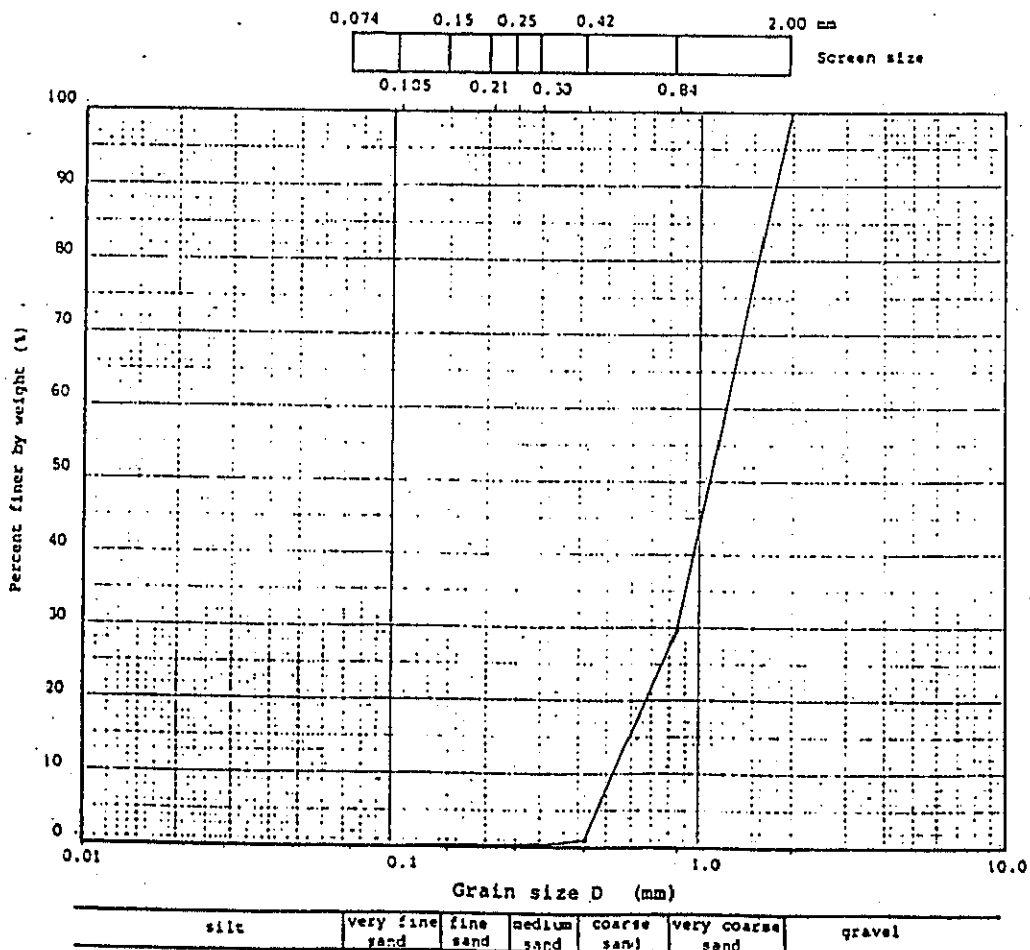
Grain Size Analysis

Sample No. 84 A Date _____
 Name of sample Bali Beach Sand Signature _____
 Locality Fanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	140.75	29.625
0.42	57.35	0.95
0.30	1.50	0.20
0.25	0.05	0.175
0.21	0.15	0.10
0.15	0.10	0.05
0.105	0.05	0.025
0.074	0.05	0
	0	-

Very coarse sand (2.00-0.84mm) %	70.375
Coarse sand (0.84-0.42mm) %	28.675
Medium sand (0.42-0.25mm) %	0.775
Fine sand (0.25-0.15mm) %	0.125
Very fine sand (0.15-0.074mm) %	0.05
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.20
30% grain size mm	0.84
10% grain size mm	0.515
Coefficient of uniformity U _c	2.330
Coefficient of curvature U _{c'}	1.142

Grain size accumulation curve



App.3.147

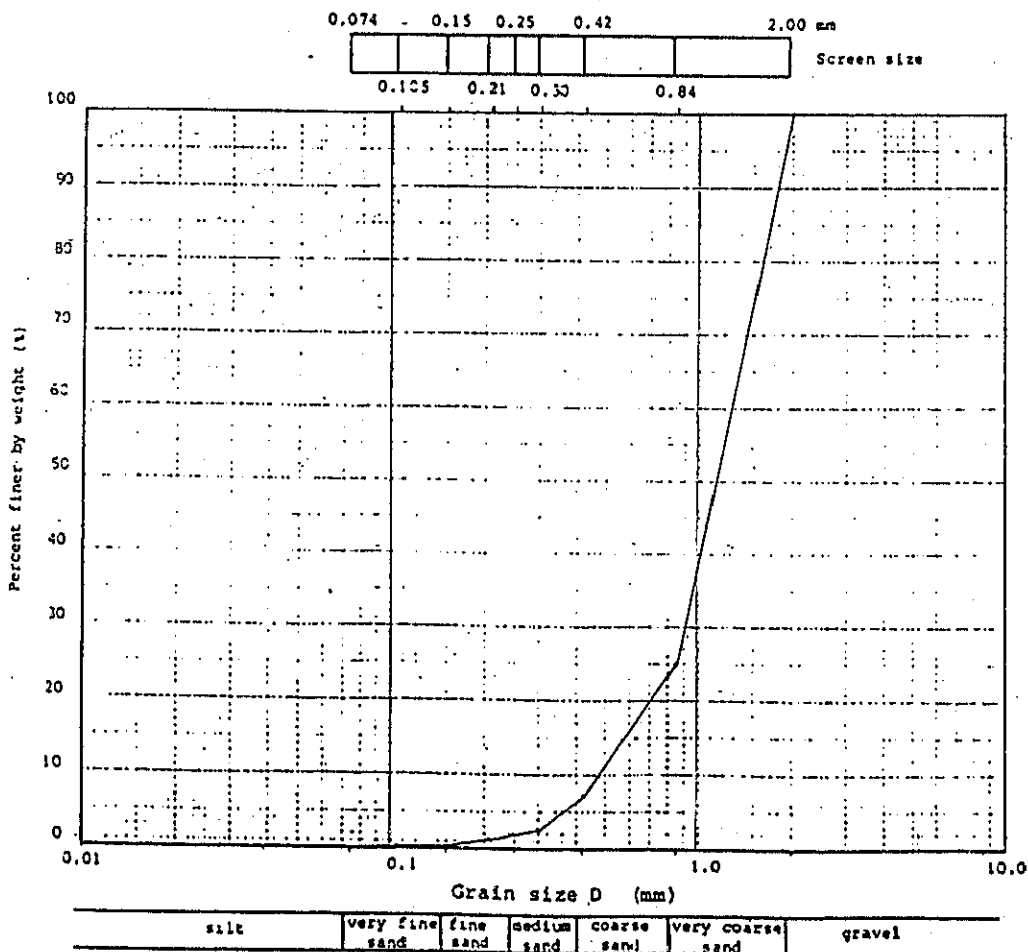
Grain Size Analysis

Sample No. 84 B Date _____
 Name of sample Bali Beach Sand Signature _____
 Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	149.75	25.125
0.42	35.4	7.425
0.30	9.4	2.725
0.25	1.3	2.075
0.21	1.55	1.3
0.15	1.75	0.425
0.105	0.35	0.25
0.074	0.2	0.15
	0.30	-

Very coarse sand (2.00-0.84mm) %	74.875
Coarse sand (0.84-0.42mm) %	17.7
Medium sand (0.42-0.25mm) %	5.35
Fine sand (0.25-0.15mm) %	1.65
Very fine sand (0.15-0.074mm) %	0.275
Silt or clay (under 0.074mm) %	0.15
Maximum grain size mm	0.84
60% grain size mm	1.28
30% grain size mm	0.9
10% grain size mm	0.48
Coefficient of uniformity U_c	2.667
Coefficient of curvature U_c'	1.318

Grain size accumulation curve



App.3.148

Grain Size Analysis

Sample No. 85 A

Date _____

Name of sample Beach Sand

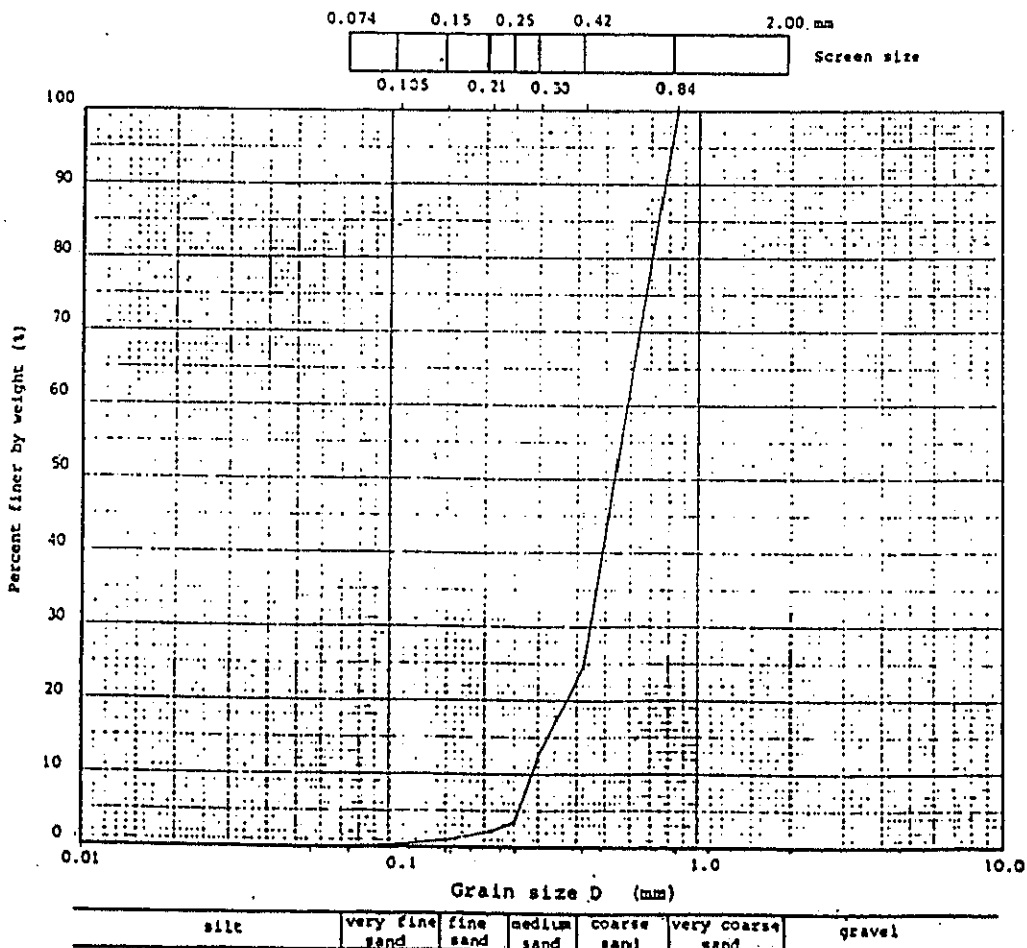
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84		100
0.42	130.85	34.575
0.30	45.25	11.95
0.25	17.10	3.4
0.21	2.35	2.225
0.15	2.60	0.925
0.105	1.60	0.125
0.074	0.15	0.05
	0.10	-

Very coarse sand (2.00-0.84mm) %	0
Coarse sand (0.84-0.42mm) %	65.425
Medium sand (0.42-0.25mm) %	31.175
Fine sand (0.25-0.15mm) %	2.475
Very fine sand (0.15-0.074mm) %	0.875
Silt or clay (under 0.074mm) %	0.05
Maximum grain size mm	0.42
60% grain size mm	0.58
30% grain size mm	0.44
10% grain size mm	0.285
Coefficient of uniformity U_c	2.035
Coefficient of curvature U_c'	1.171

Grain size accumulation curve



App.3.149

Grain Size Analysis

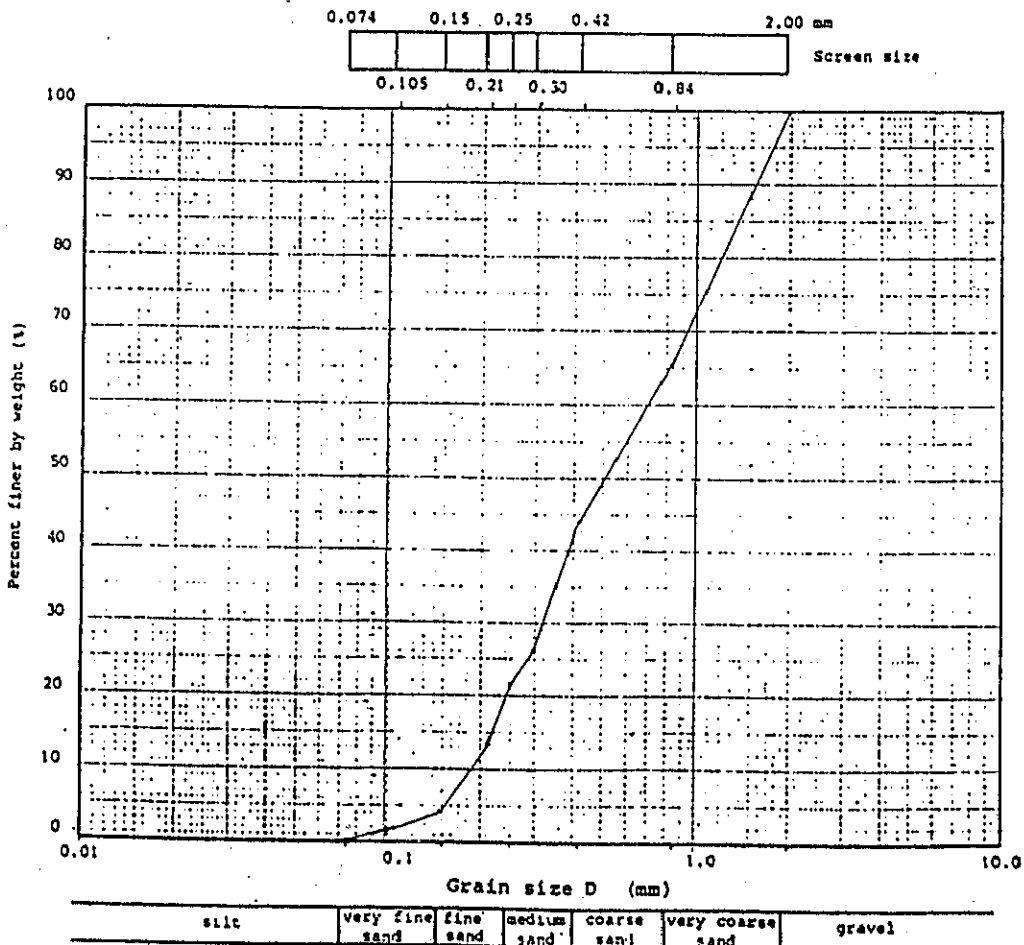
Sample No. 85 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	69.25	65.375
0.42	42.25	44.25
0.30	36.6	25.95
0.25	8.45	21.725
0.21	16.70	13.375
0.15	18.25	4.25
0.105	4.55	1.975
0.074	2.0	0.975
	1.95	-

Very coarse sand (2.00-0.84mm) %	34.625
Coarse sand (0.84-0.42mm) %	21.125
Medium sand (0.42-0.25mm) %	22.525
Fine sand (0.25-0.15mm) %	17.475
Very fine sand (0.15-0.074mm) %	3.275
Silt or clay (under 0.074mm) %	0.975
Maximum grain size mm	0.84
60% grain size mm	0.70
30% grain size mm	0.32
10% grain size mm	0.184
Coefficient of uniformity U_c	3.804
Coefficient of curvature U_c'	0.795

Grain size accumulation curve



App. 3.150

Grain Size Analysis

Sample No. 86 A

Date _____

Name of sample Beach Sand

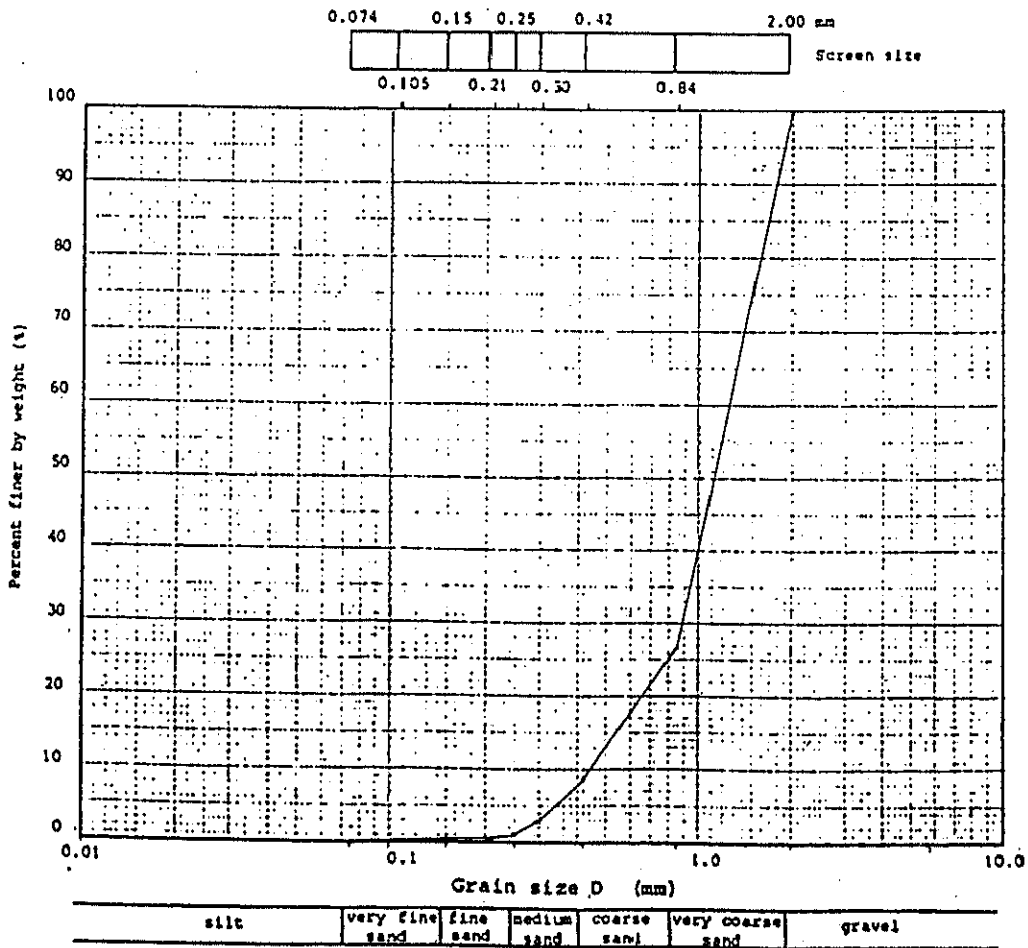
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	146.6	26.7
0.42	35.8	8.8
0.30	12.1	2.75
0.25	1.2	2.15
0.21	2.35	0.975
0.15	1.35	0.3
0.105	0.45	0.075
0.074	0.05	0.05
	0.10	-

Very coarse sand (2.00-0.84mm) %	73.3
Coarse sand (0.84-0.42mm) %	17.9
Medium sand (0.42-0.25mm) %	6.65
Fine sand (0.25-0.15mm) %	1.85
Very fine sand (0.15-0.074mm) %	0.25
Silt or clay (under 0.074mm) %	0.05
Maximum grain size mm	0.84
60% grain size mm	1.26
30% grain size mm	0.89
10% grain size mm	0.44
Coefficient of uniformity U_c	2.864
Coefficient of curvature U_c'	1.429

Grain size accumulation curve



App.3.151

Grain Size Analysis

Sample No. 86 B

Date _____

Name of sample Bali Beach Sand

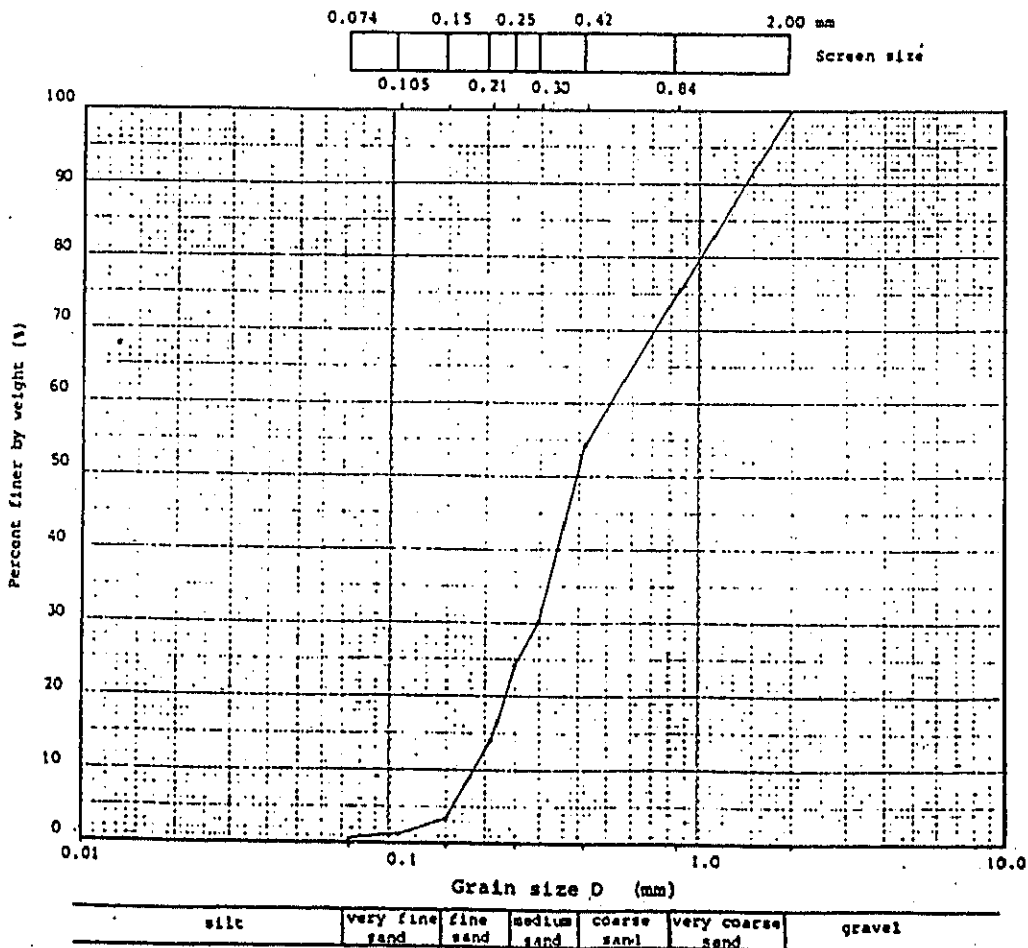
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	49.45	75.275
0.42	42.05	54.25
0.30	47.75	30.375
0.25	12.70	24.025
0.21	20.45	13.8
0.15	20.95	3.325
0.105	4.4	1.125
0.074	1.55	0.35
	0.70	-

Very coarse sand (2.00-0.84mm) %	24.725
Coarse sand (0.84-0.42mm) %	21.025
Medium sand (0.42-0.25mm) %	30.225
Fine sand (0.25-0.15mm) %	20.7
Very fine sand (0.15-0.074mm) %	2.975
Silt or clay (under 0.074mm) %	0.35
Maximum grain size mm	0.84
60% grain size mm	0.51
30% grain size mm	0.295
10% grain size mm	0.181
Coefficient of uniformity U_c	2.818
Coefficient of curvature U_c'	0.943

Grain size accumulation curve



App. 3.152

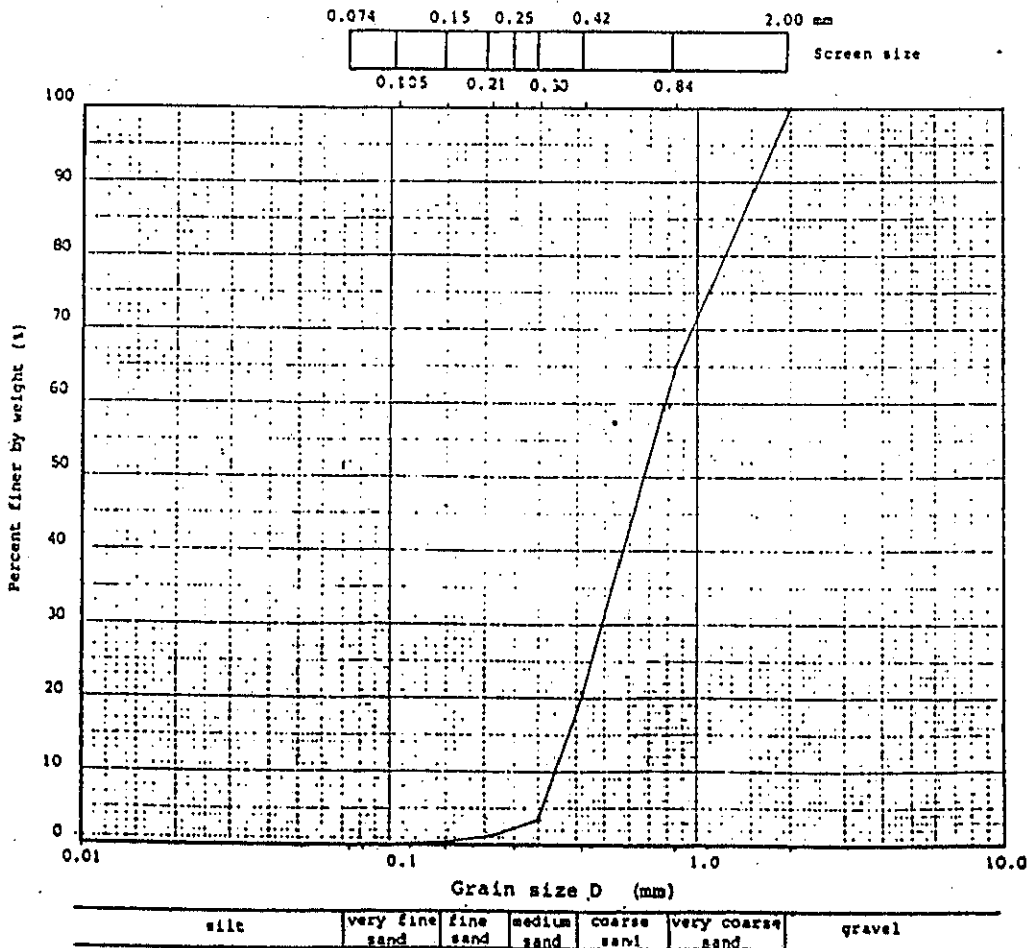
Grain Size Analysis

Sample No. 87 A Date _____
 Name of sample Beach Sand Signature _____
 Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	69.75	65.125
0.42	89.0	20.625
0.30	34.1	3.575
0.25	2.3	2.425
0.21	2.55	1.15
0.15	1.85	0.225
0.105	0.35	0.05
0.074	0.1	0
	0	-

Very coarse sand (2.00-0.84mm) %	34.875
Coarse sand (0.84-0.42mm) %	44.5
Medium sand (0.42-0.25mm) %	18.2
Fine sand (0.25-0.15mm) %	2.2
Very fine sand (0.15-0.074mm) %	0.225
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.78
30% grain size mm	0.49
10% grain size mm	0.34
Coefficient of uniformity U_c	2.294
Coefficient of curvature U_c'	0.905

Grain size accumulation curve



App.3.153

Grain Size Analysis

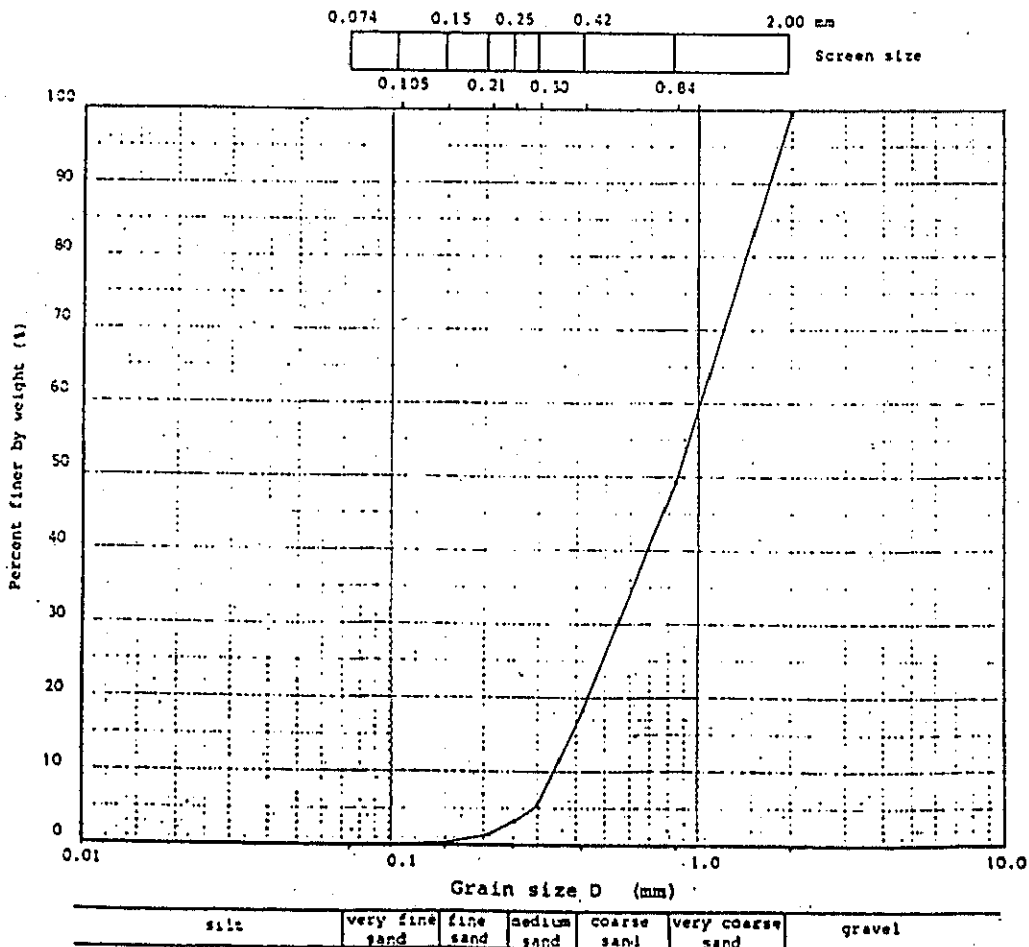
Sample No. 87 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	101.15	49.425
0.42	62.3	18.275
0.30	25.65	5.45
0.25	4.15	3.375
0.21	4.1	1.325
0.15	2.4	0.125
0.105	0.15	0.05
0.074	0.1	0
	0	-

Very coarse sand (2.00-0.84mm) %	50.575
Coarse sand (0.84-0.42mm) %	31.15
Medium sand (0.42-0.25mm) %	14.9
Fine sand (0.25-0.15mm) %	3.25
Very fine sand (0.15-0.074mm) %	0.125
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.0
30% grain size mm	0.55
10% grain size mm	0.34
Coefficient of uniformity U_c	2.941
Coefficient of curvature U_c'	0.890

Grain size accumulation curve



App. 3.154

Grain Size Analysis

Sample No. 88 A

Date _____

Name of sample Bali Beach Sand

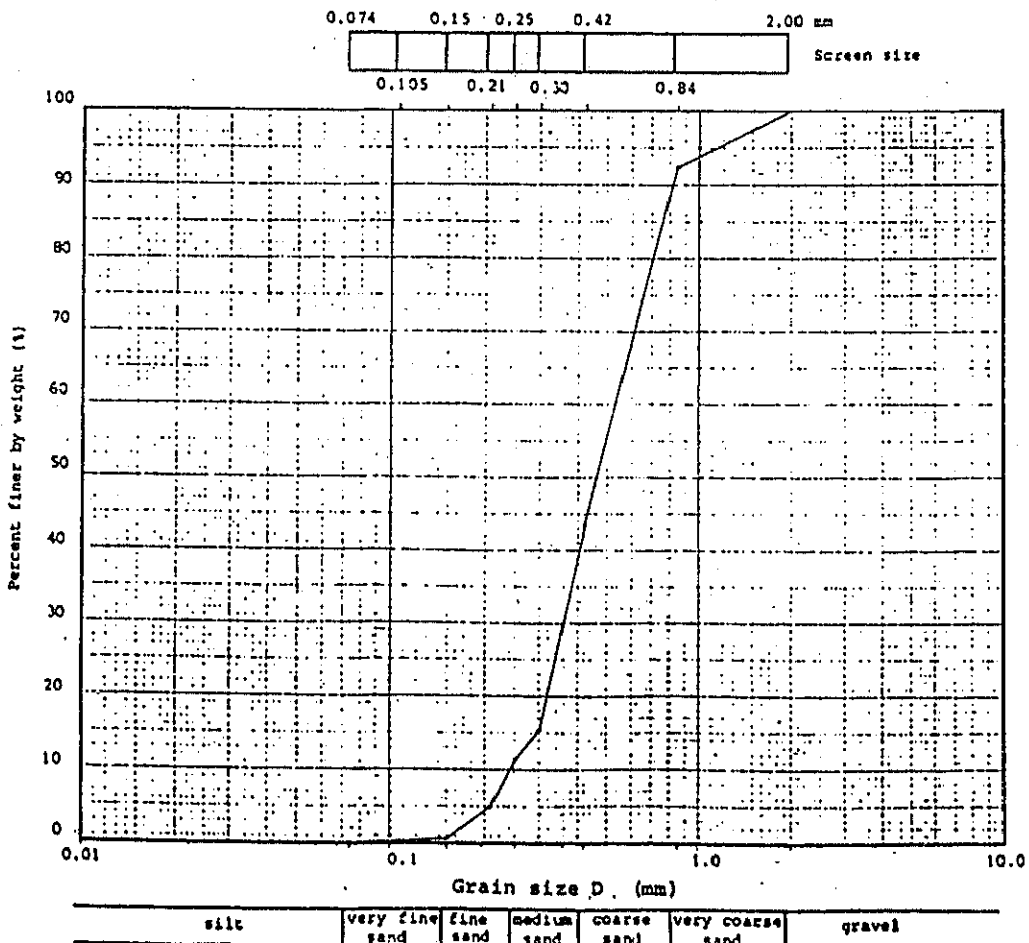
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	14.45	92.775
0.42	98.6	43.475
0.30	56.05	15.45
0.25	7.75	11.575
0.21	13.05	5.05
0.15	8.9	0.6
0.105	0.95	0.125
0.074	0.10	0.075
	0.15	-

Very coarse sand (2.00-0.84mm) %	7.225
Coarse sand (0.84-0.42mm) %	49.3
Medium sand (0.42-0.25mm) %	31.9
Fine sand (0.25-0.15mm) %	10.975
Very fine sand (0.15-0.074mm) %	0.525
Silt or clay (under 0.074mm) %	0.075
Maximum grain size mm	0.84
60% grain size mm	0.53
30% grain size mm	0.36
10% grain size mm	0.24
Coefficient of uniformity U_c	2.208
Coefficient of curvature U_c'	1.019

Grain size accumulation curve



App.3.155

Grain Size Analysis

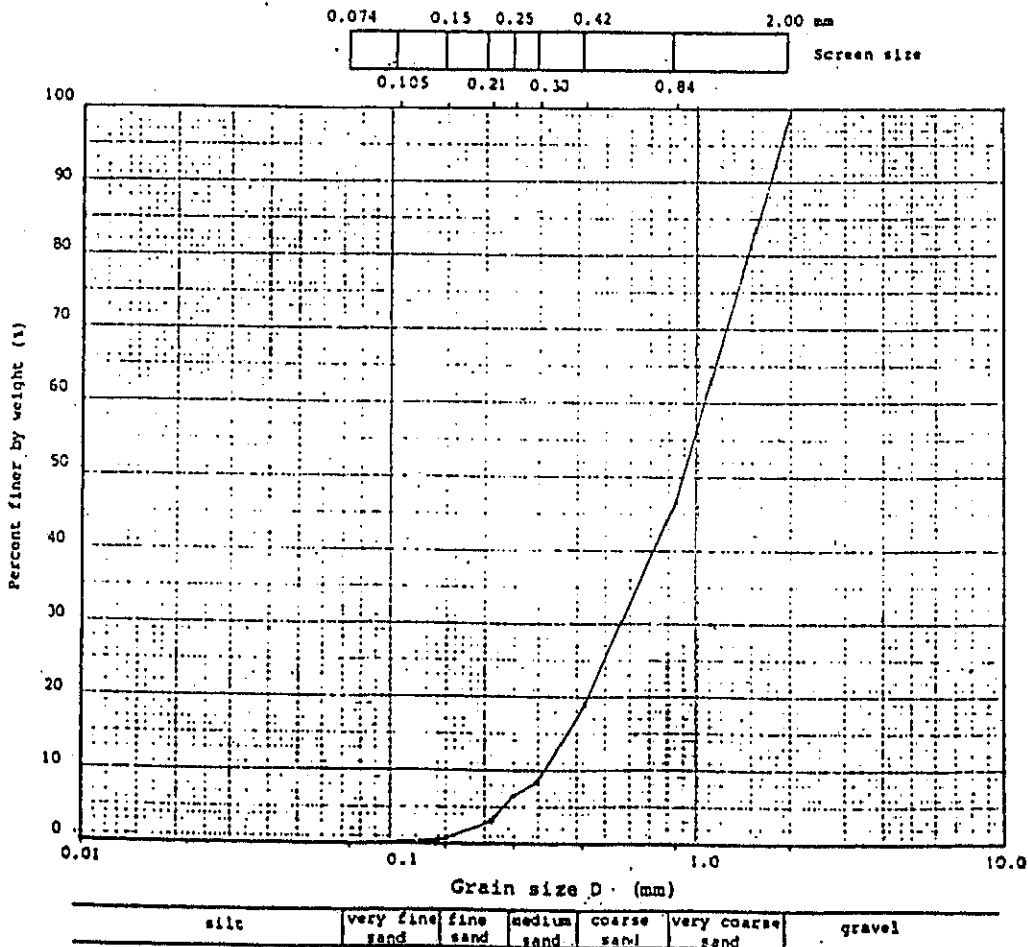
Sample No. 88 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	106.5	46.75
0.42	55.3	19.10
0.30	21.2	8.5
0.25	3.8	6.6
0.21	7.05	3.075
0.15	5.25	0.45
0.105	0.75	0.075
0.074	0.1	0.025
	0.05	-

Very coarse sand (2.00-0.84mm) %	53.25
Coarse sand (0.84-0.42mm) %	27.65
Medium sand (0.42-0.25mm) %	12.50
Fine sand (0.25-0.15mm) %	6.15
Very fine sand (0.15-0.074mm) %	0.425
Silt or clay (under 0.074mm) %	0.025
Maximum grain size mm	0.84
60% grain size mm	1.06
30% grain size mm	0.57
10% grain size mm	0.307
Coefficient of uniformity U_c	3.453
Coefficient of curvature U_c'	0.998

Grain size accumulation curve



App. 3.156

Grain Size Analysis

Sample No. 89 A

Date _____

Name of sample Beach Sand

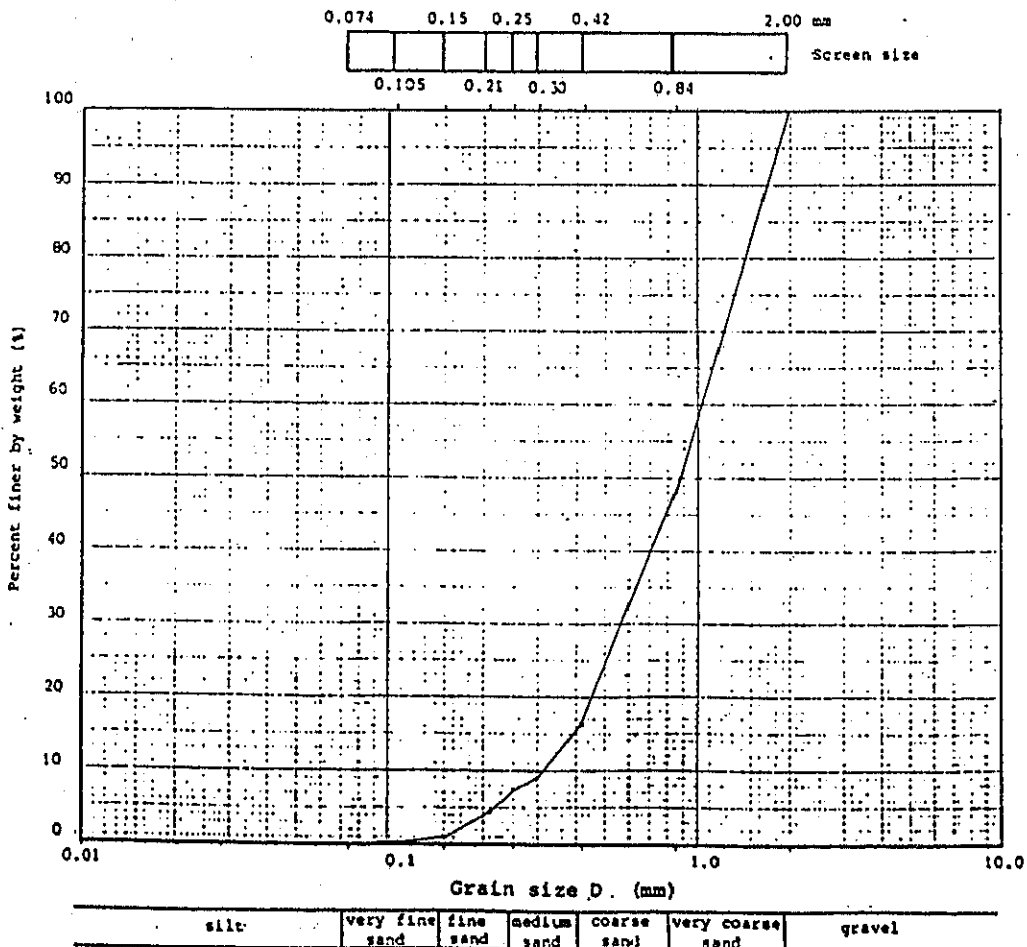
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	103.35	48.325
0.42	63.65	16.5
0.30	14.95	9.025
0.25	3.05	7.5
0.21	5.95	4.525
0.15	7.0	1.025
0.105	1.7	0.175
0.074	0.35	0
	0	-

Very coarse sand (2.00-0.84mm) %	51.675
Coarse sand (0.84-0.42mm) %	31.825
Medium sand (0.42-0.25mm) %	9.0
Fine sand (0.25-0.15mm) %	6.475
Very fine sand (0.15-0.074mm) %	1.025
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.04
30% grain size mm	0.56
10% grain size mm	0.31
Coefficient of uniformity U_c	3.355
Coefficient of curvature U_c'	0.973

Grain size accumulation curve



App.3.157

Grain Size Analysis

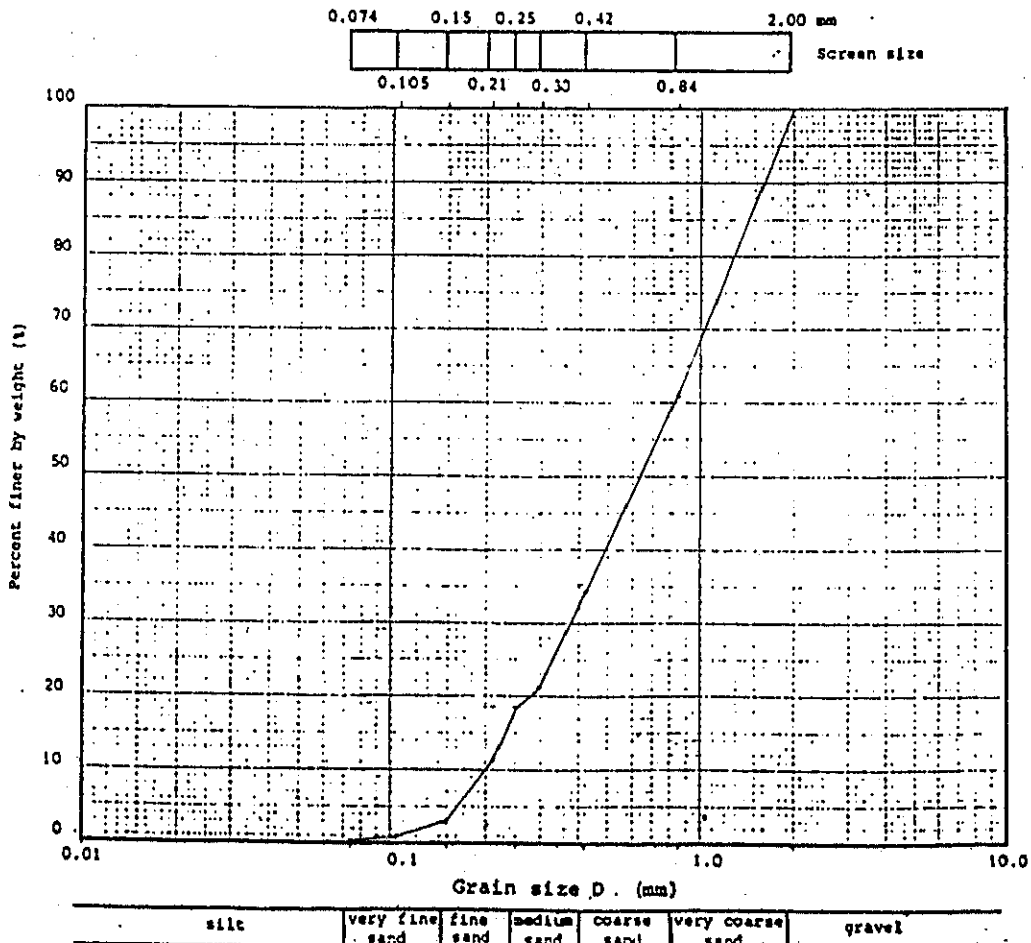
Sample No. 89 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	77.8	61.1
0.42	53.55	34.325
0.30	26.15	21.25
0.25	5.3	18.6
0.21	13.8	11.7
0.15	17.55	2.925
0.105	4.25	0.8
0.074	1.25	0.175
	0.35	-

d		
Very coarse sand	(2.00-0.84mm) %	38.9
Coarse sand	(0.84-0.42mm) %	26.775
Medium sand	(0.42-0.25mm) %	15.725
Fine sand	(0.25-0.15mm) %	15.675
Very fine sand	(0.15-0.074mm) %	2.75
Silt or clay	(under 0.074mm) %	0.175
Maximum grain size	mm	0.84
60% grain size	mm	0.81
30% grain size	mm	0.37
10% grain size	mm	0.2
Coefficient of uniformity	Uc	4.05
Coefficient of curvature	Uc'	0.845

Grain size accumulation curve



App.3.158

Grain Size Analysis

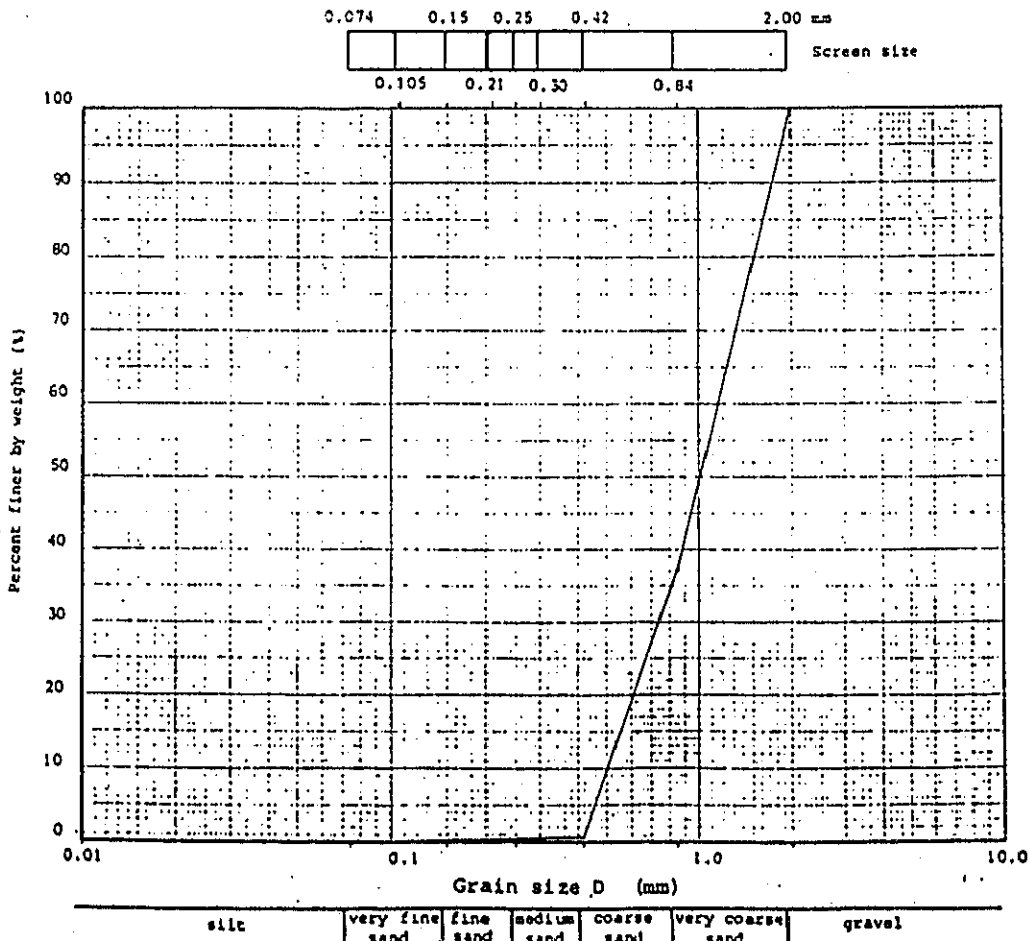
Sample No. 90 A
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	125.35	37.325
0.42	72.8	0.925
0.30	1.55	0.15
0.25	0.1	0.1
0.21	0.1	0.05
0.15	0.05	0.025
0.105	0.05	0
0.074	-	-
	-	-

Very coarse sand (2.00-0.84mm) %	62.675
Coarse sand (0.84-0.42mm) %	36.4
Medium sand (0.42-0.25mm) %	0.825
Fine sand (0.25-0.15mm) %	0.075
Very fine sand (0.15-0.074mm) %	0.025
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.15
30% grain size mm	0.74
10% grain size mm	0.5
Coefficient of uniformity U_c	2.30
Coefficient of curvature U_c'	0.952

Grain size accumulation curve



App. 3.159

Grain Size Analysis

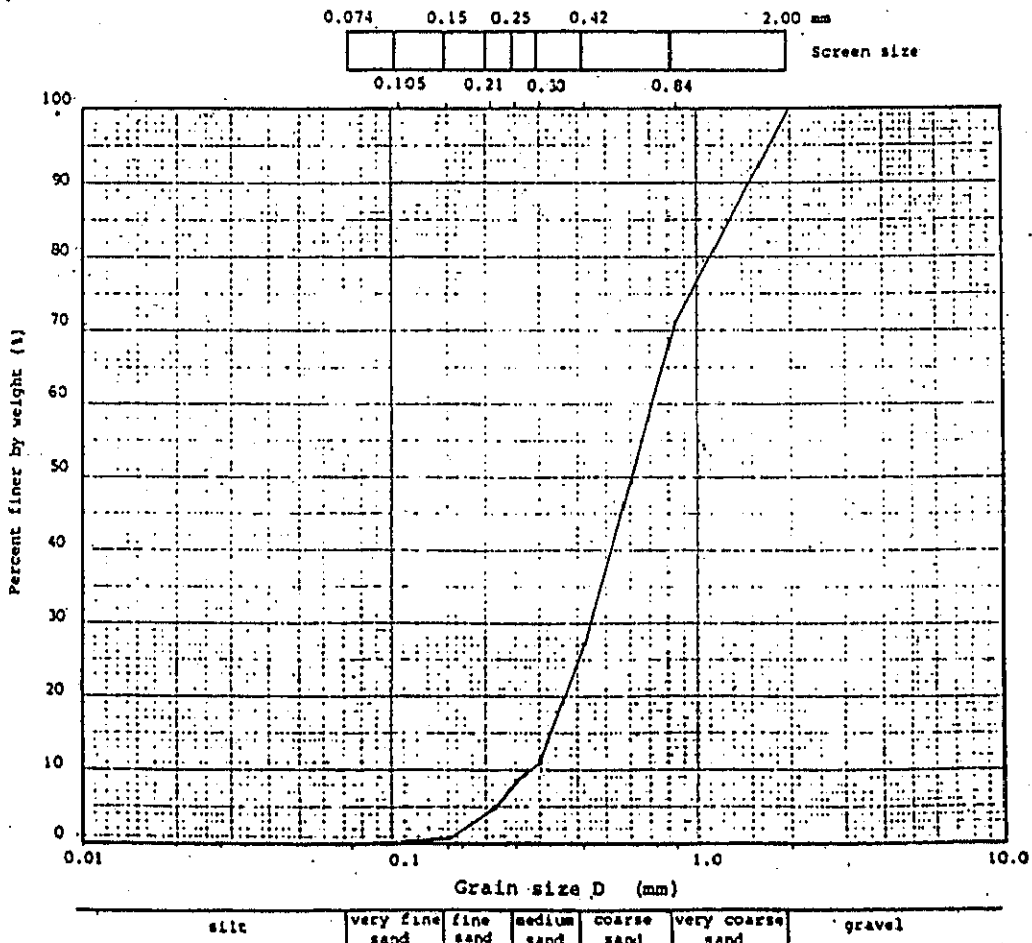
Sample No. 90 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	57.60	71.20
0.42	88.15	27.125
0.30	31.55	11.35
0.25	5.40	8.65
0.21	7.65	4.825
0.15	8.25	0.70
0.105	1.20	0.10
0.074	0.20	0
	0	-

Very coarse sand (2.00-0.84mm) %	28.80
Coarse sand (0.84-0.42mm) %	44.075
Medium sand (0.42-0.25mm) %	18.475
Fine sand (0.25-0.15mm) %	7.95
Very fine sand (0.15-0.074mm) %	0.70
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.71
30% grain size mm	0.44
10% grain size mm	0.28
Coefficient of uniformity U_c	2.536
Coefficient of curvature U_c'	0.974

Grain size accumulation curve



App.3.160

Grain Size Analysis

Sample No. 91 A

Date _____

Name of sample Bali Beach Sand

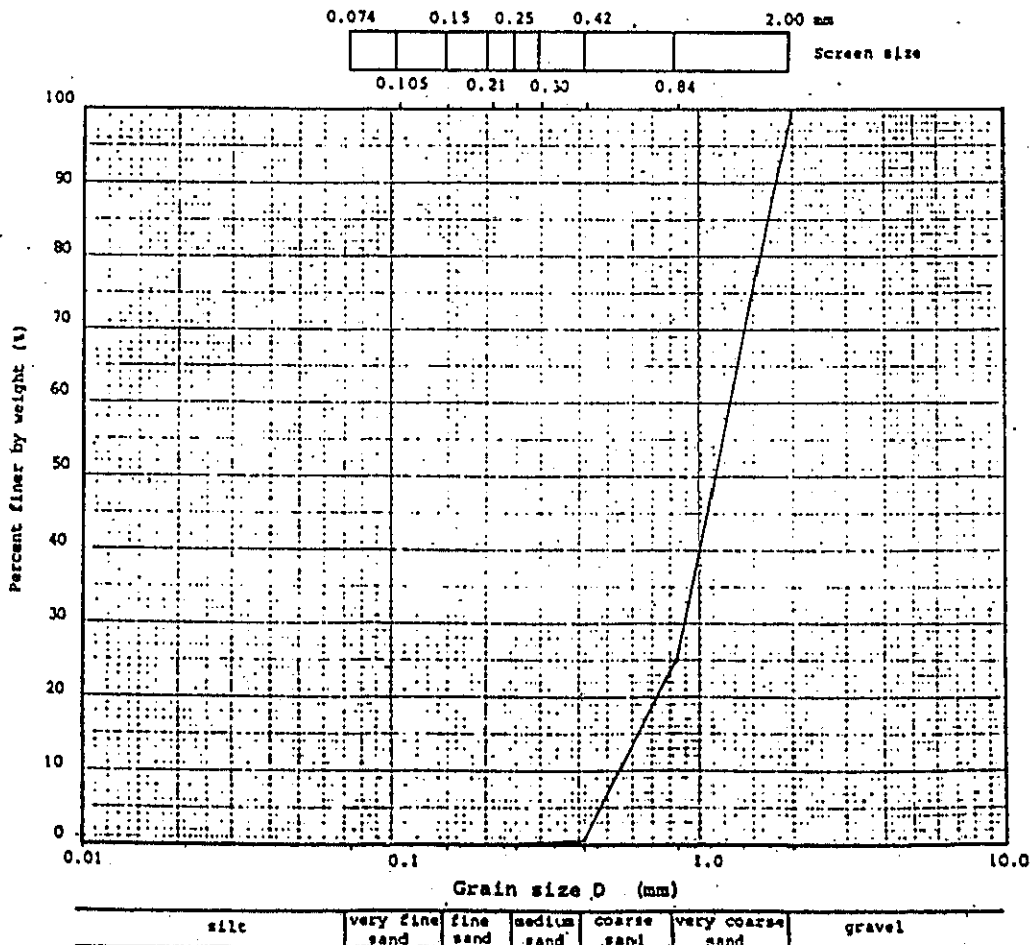
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	149.8	25.10
0.42	49.15	0.525
0.30	0.65	0.2
0.25	0.25	0.075
0.21	0.15	0
0.15	0	0
0.105	0	0
0.074	0	0
	0	-

Very coarse sand (2.00-0.84mm) %	74.9
Coarse sand (0.84-0.42mm) %	24.575
Medium sand (0.42-0.25mm) %	0.45
Fine sand (0.25-0.15mm) %	0.075
Very fine sand (0.15-0.074mm) %	0
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.25
30% grain size mm	0.9
10% grain size mm	0.54
Coefficient of uniformity U_c	2.315
Coefficient of curvature U_c'	1.200

Grain size accumulation curve



App.3.161

Grain Size Analysis

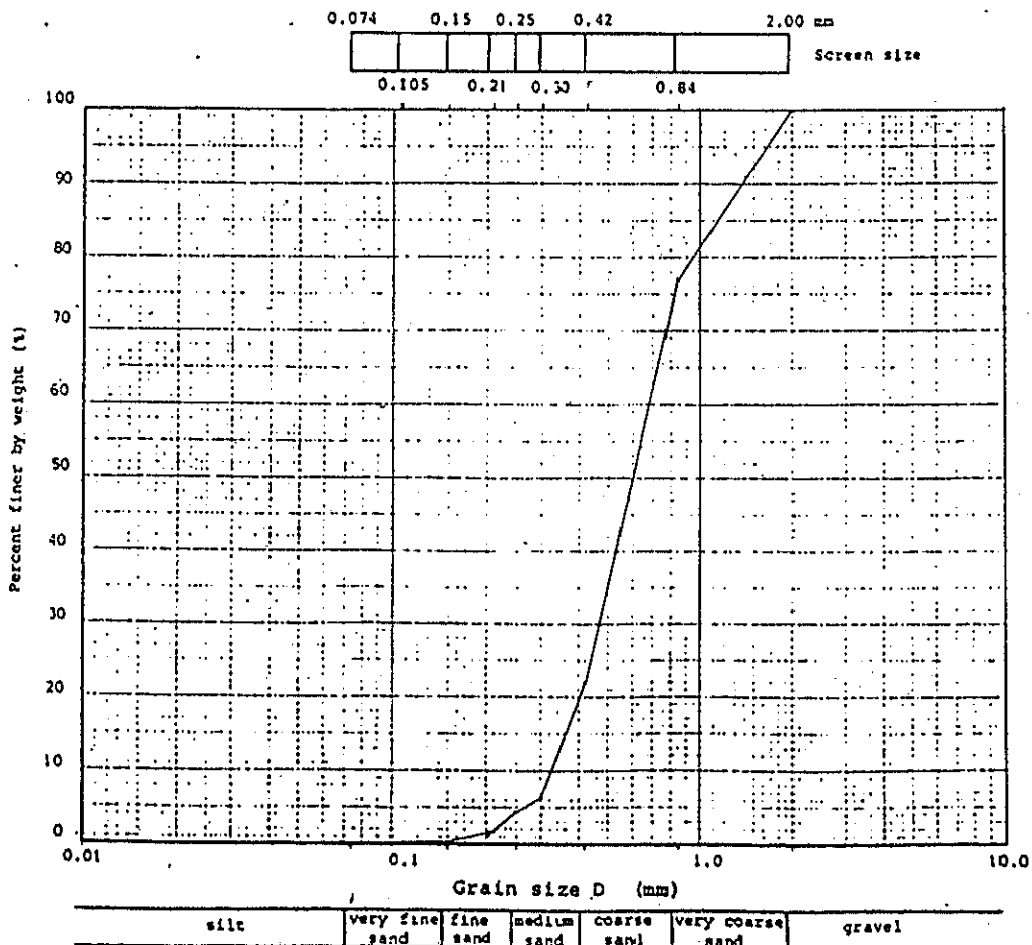
Sample No. 91 B
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	45.65	77.175
0.42	110.50	21.925
0.30	31.10	6.375
0.25	4.0	4.375
0.21	5.10	1.825
0.15	3.40	0.125
0.105	0.20	0.025
0.074	0.05	0
	0	-

Very coarse sand (2.00-0.84mm) %	22.825
Coarse sand (0.84-0.42mm) %	55.25
Medium sand (0.42-0.25mm) %	17.55
Fine sand (0.25-0.15mm) %	4.25
Very fine sand (0.15-0.074mm) %	0.125
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.68
30% grain size mm	0.47
10% grain size mm	0.325
Coefficient of uniformity U_c	2.092
Coefficient of curvature U_c'	1.000

Grain size accumulation curve



App. 3.162

Grain Size Analysis

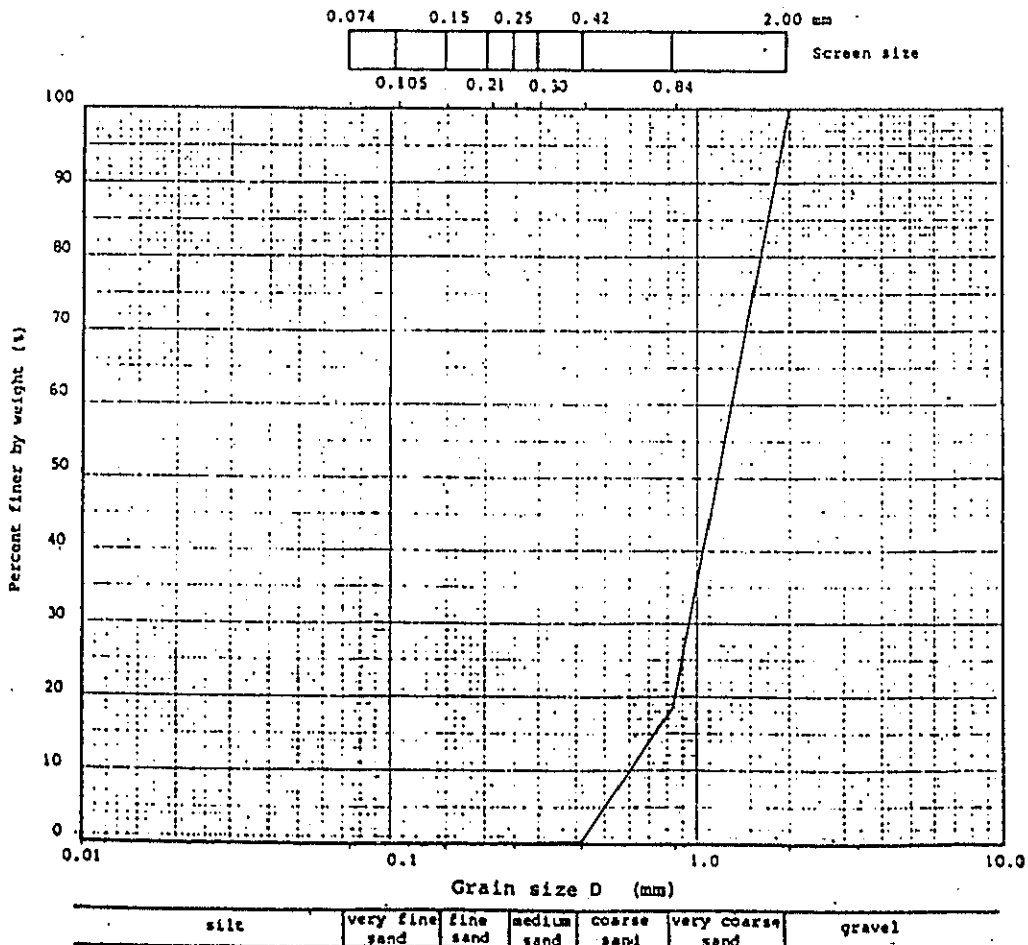
Sample No. 92 A
 Name of sample Pali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	162.45	18.775
0.42	37.20	0.175
0.30	0.20	0.075
0.25	0.15	0
0.21	0	0
0.15	0	0
0.105	0	0
0.074	0	0
	0	-

Very coarse sand (2.00-0.84mm) %	81.225
Coarse sand (0.84-0.42mm) %	18.60
Medium sand (0.42-0.25mm) %	0.175
Fine sand (0.25-0.15mm) %	0
Very fine sand (0.15-0.074mm) %	0
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.30
30% grain size mm	0.94
10% grain size mm	0.60
Coefficient of uniformity U_c	2.167
Coefficient of curvature U_c'	1.133

Grain size accumulation curve



App.3.163

Grain Size Analysis

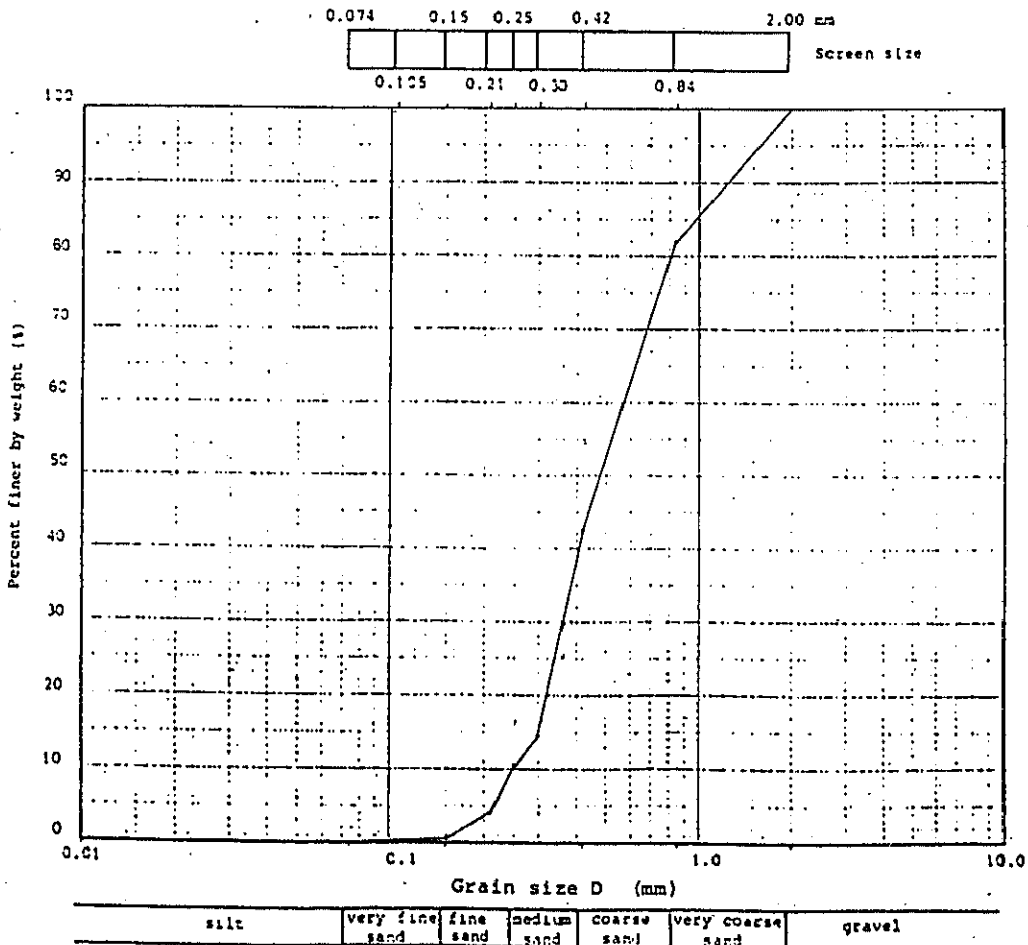
Sample No. 92 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	36.3	81.85
0.42	78.55	42.575
0.30	55.95	14.6
0.25	7.95	10.625
0.21	12.9	4.175
0.15	7.25	0.55
0.105	0.8	0.15
0.074	0.3	0
	0	-

Very coarse sand (2.00-0.84mm) %	18.15
Coarse sand (0.84-0.42mm) %	39.275
Medium sand (0.42-0.25mm) %	31.95
Fine sand (0.25-0.15mm) %	10.075
Very fine sand (0.15-0.074mm) %	0.55
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.57
30% grain size mm	0.36
10% grain size mm	0.245
Coefficient of uniformity U_c	2.327
Coefficient of curvature U_c'	0.928

Grain size accumulation curve



App. 3.164

Grain Size Analysis

Sample No. 93 A

Date _____

Name of sample Bali Beach Sand

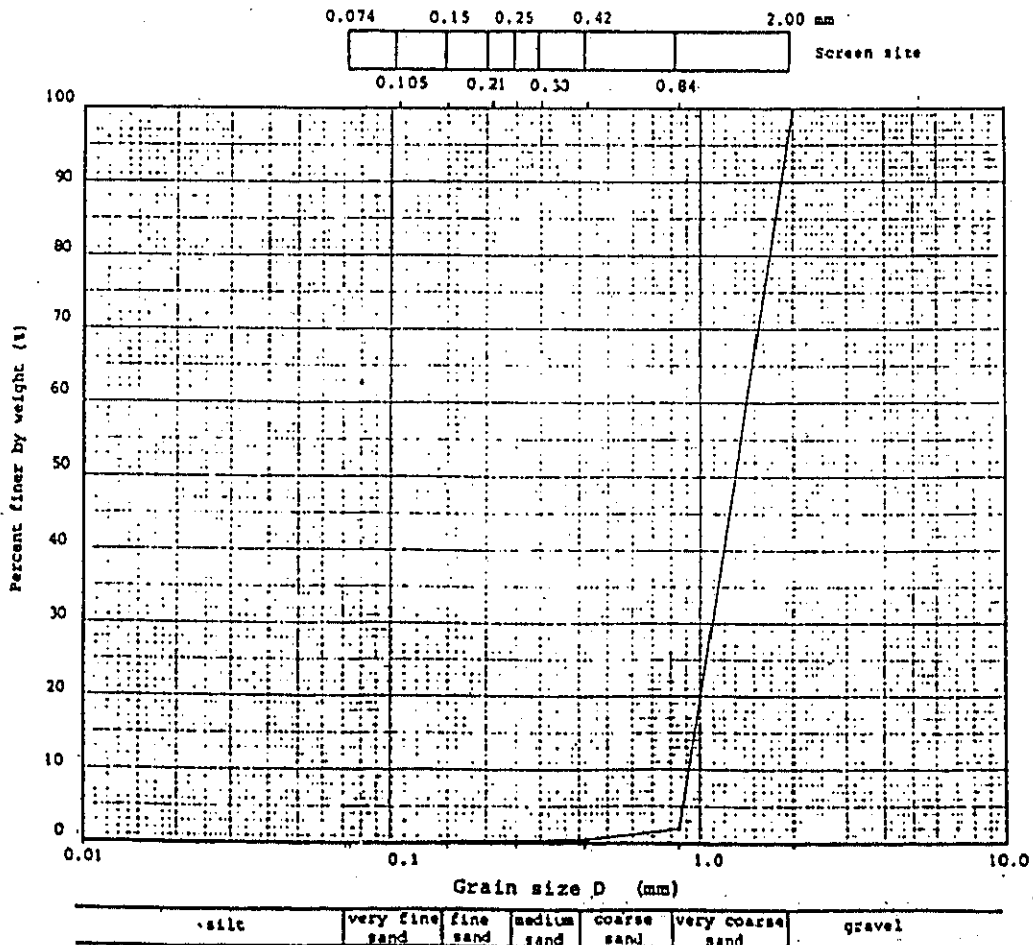
Signature _____

Locality Samur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	195.95	2.025
0.42	3.2	0.425
0.30	0.35	0.25
0.25	0.15	0.175
0.21	0.15	0.1
0.15	0.1	0.05
0.105	0.05	0.025
0.074	0.05	0
	0	-

Very coarse sand (2.00-0.84mm) %	97.975
Coarse sand (0.84-0.42mm) %	1.6
Medium sand (0.42-0.25mm) %	0.25
Fine sand (0.25-0.15mm) %	0.125
Very fine sand (0.15-0.074mm) %	0.05
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.4
30% grain size mm	1.1
10% grain size mm	0.92
Coefficient of uniformity U_c	1.522
Coefficient of curvature U_c'	0.939

Grain size accumulation curve



App.3.165

Grain Size Analysis

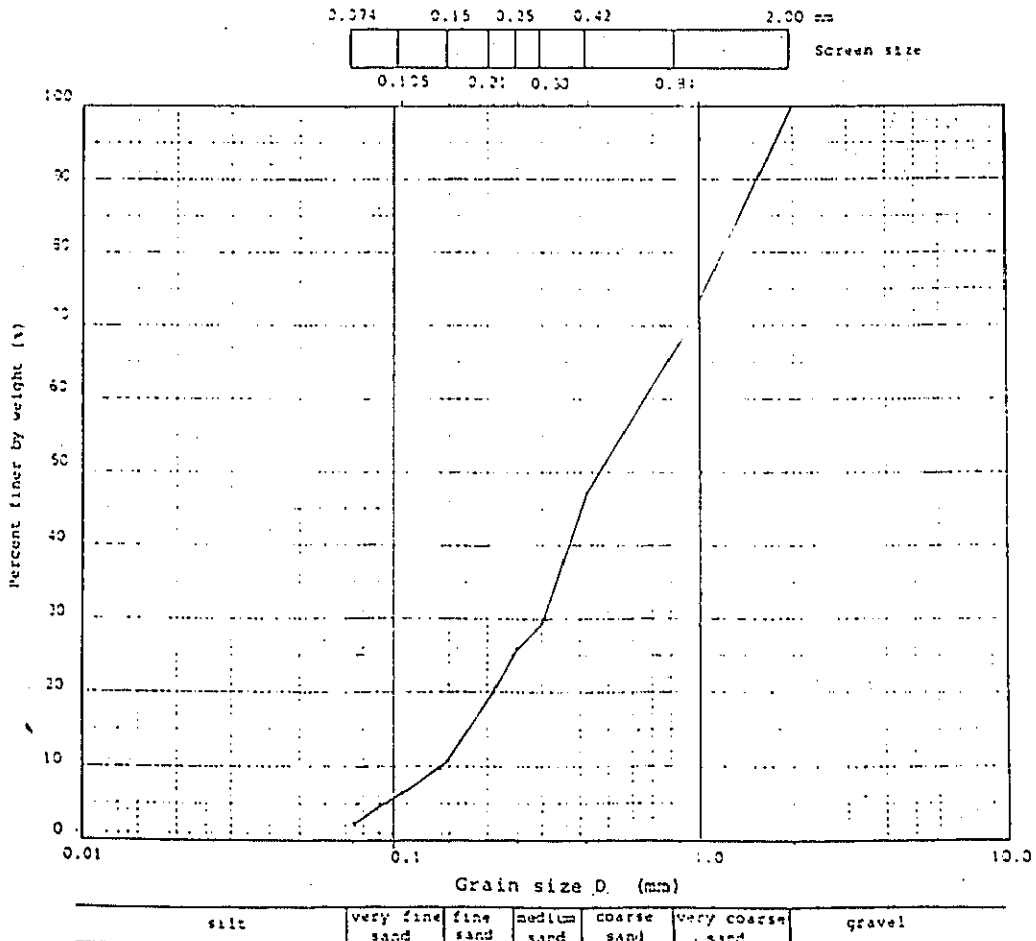
Sample No. 93 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	64.8	67.6
0.42	40.7	47.25
0.30	35.5	29.5
0.25	6.7	26.15
0.21	12.45	19.925
0.15	18.0	10.925
0.105	8.75	6.55
0.074	8.65	2.225
	4.45	-

Very coarse sand (2.00-0.84mm) %	32.4
Coarse sand (0.84-0.42mm) %	20.35
Medium sand (0.42-0.25mm) %	21.1
Fine sand (0.25-0.15mm) %	15.225
Very fine sand (0.15-0.074mm) %	8.7
Silt or clay (under 0.074mm) %	2.225
Maximum grain size mm	0.84
60% grain size mm	0.66
30% grain size mm	0.305
10% grain size mm	0.14
Coefficient of uniformity U_c	4.714
Coefficient of curvature U_c'	1.007

Grain size accumulation curve



Grain Size Analysis

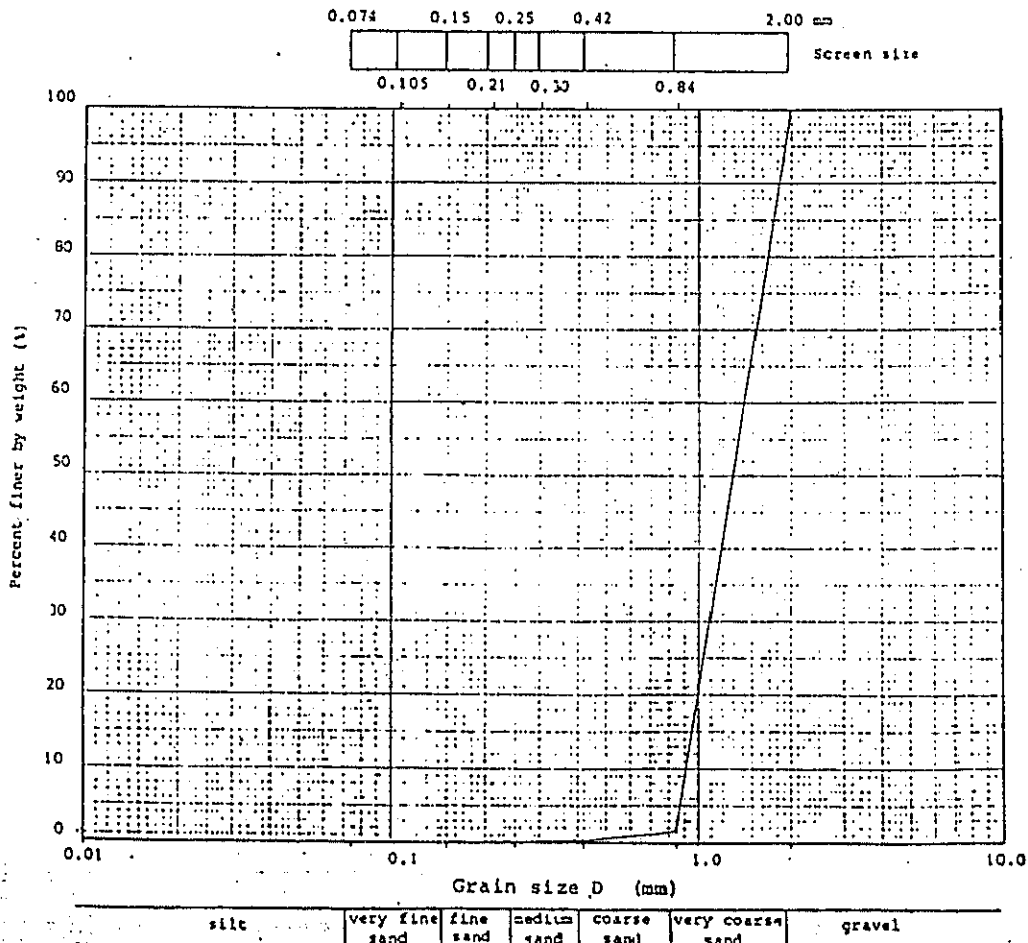
Sample No. 94 A
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	196.50	1.75
0.42	3.25	0.125
0.30	0.15	0.05
0.25	0.05	0.025
0.21	0.05	0
0.15	0	0
0.105	0	0
0.074	0	0
		-

Very coarse sand (2.00-0.84mm) %	98.25
Coarse sand (0.84-0.42mm) %	1.625
Medium sand (0.42-0.25mm) %	0.1
Fine sand (0.25-0.15mm) %	0.025
Very fine sand (0.15-0.074mm) %	0
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.40
30% grain size mm	1.08
10% grain size mm	0.91
Coefficient of uniformity U_c	1.538
Coefficient of curvature U_c'	0.916

Grain size accumulation curve



App.3.167.

Grain Size Analysis

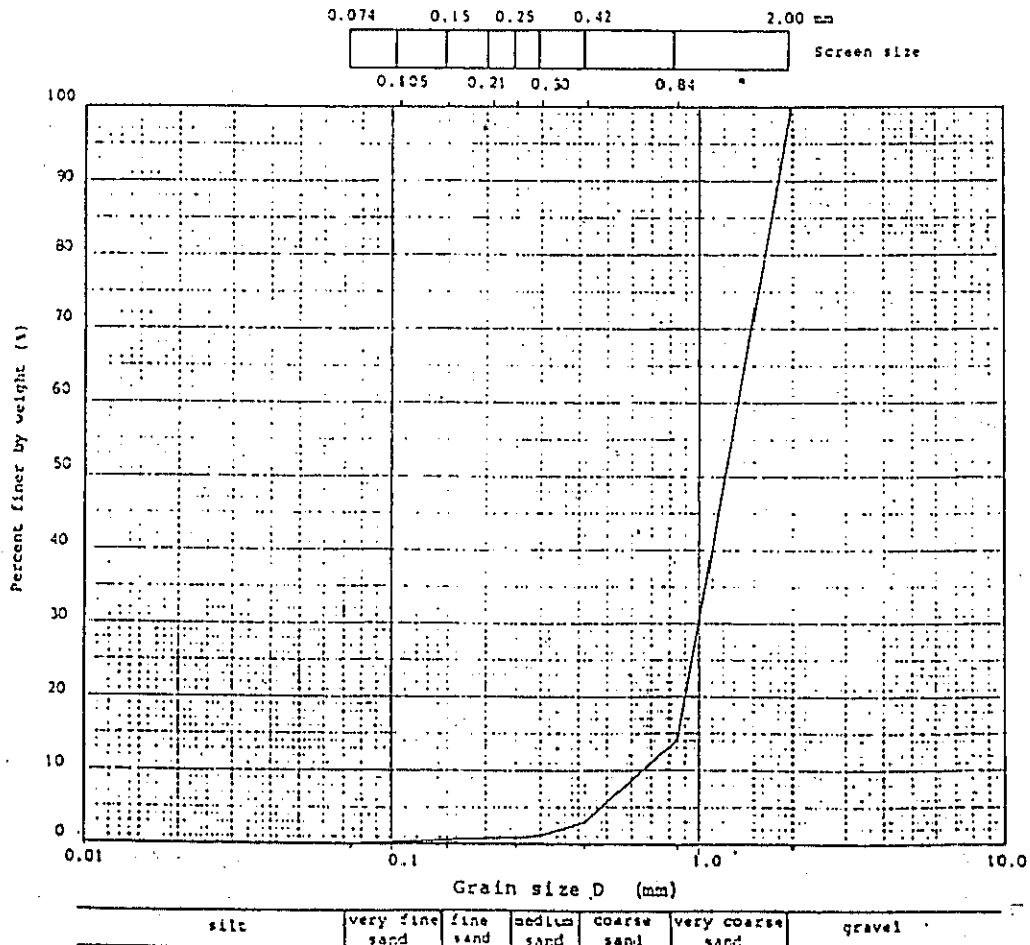
Sample No. 94 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	171.60	14.2
0.42	22.6	2.9
0.30	3.5	1.15
0.25	0.25	1.025
0.21	0.55	0.75
0.15	0.65	0.425
0.105	0.35	0.25
0.074	0.35	0.075
	0.15	-

Very coarse sand (2.00-0.84mm) %	85.8
Coarse sand (0.84-0.42mm) %	11.3
Medium sand (0.42-0.25mm) %	1.875
Fine sand (0.25-0.15mm) %	0.6
Very fine sand (0.15-0.074mm) %	0.35
Silt or clay (under 0.074mm) %	0.075
Maximum grain size mm	0.84
60% grain size mm	1.34
30% grain size mm	0.99
10% grain size mm	0.65
Coefficient of uniformity U_c	2.062
Coefficient of curvature U_c'	1.125

Grain size accumulation curve



App.3.168

Grain Size Analysis

Sample No. 95 A

Date _____

Name of sample Beach Sand

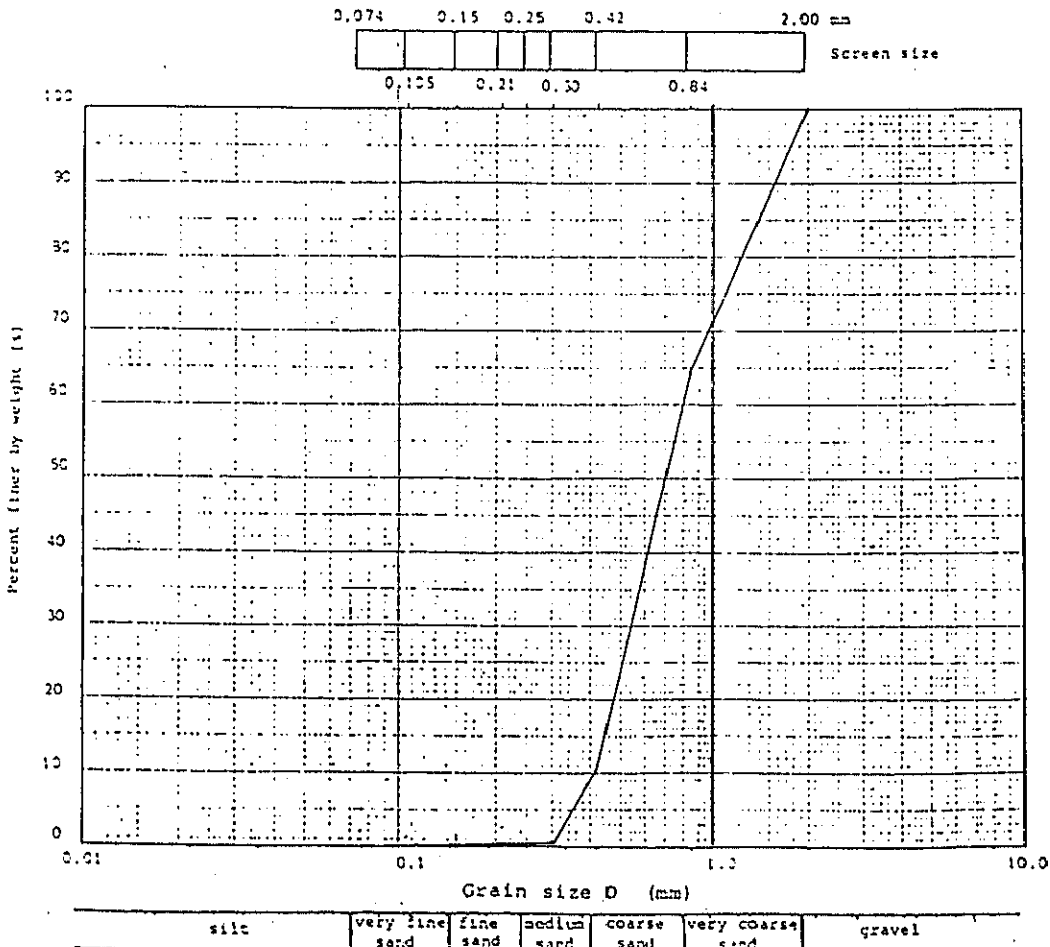
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	71.35	64.325
0.42	108.05	10.3
0.30	19.35	0.625
0.25	0.35	0.45
0.21	0.4	0.25
0.15	0.2	0.15
0.105	0.05	0.125
0.074	0.05	0.1
	0.20	-

Very coarse sand (2.00-0.84mm) %	35.675
Coarse sand (0.84-0.42mm) %	54.025
Medium sand (0.42-0.25mm) %	9.85
Fine sand (0.25-0.15mm) %	0.3
Very fine sand (0.15-0.074mm) %	0.05
Silt or clay (under 0.074mm) %	0.1
Maximum grain size mm	0.84
60% grain size mm	0.8
30% grain size mm	0.54
10% grain size mm	0.41
Coefficient of uniformity U_c	1.951
Coefficient of curvature U_c'	0.889

Grain size accumulation curve



Grain Size Analysis

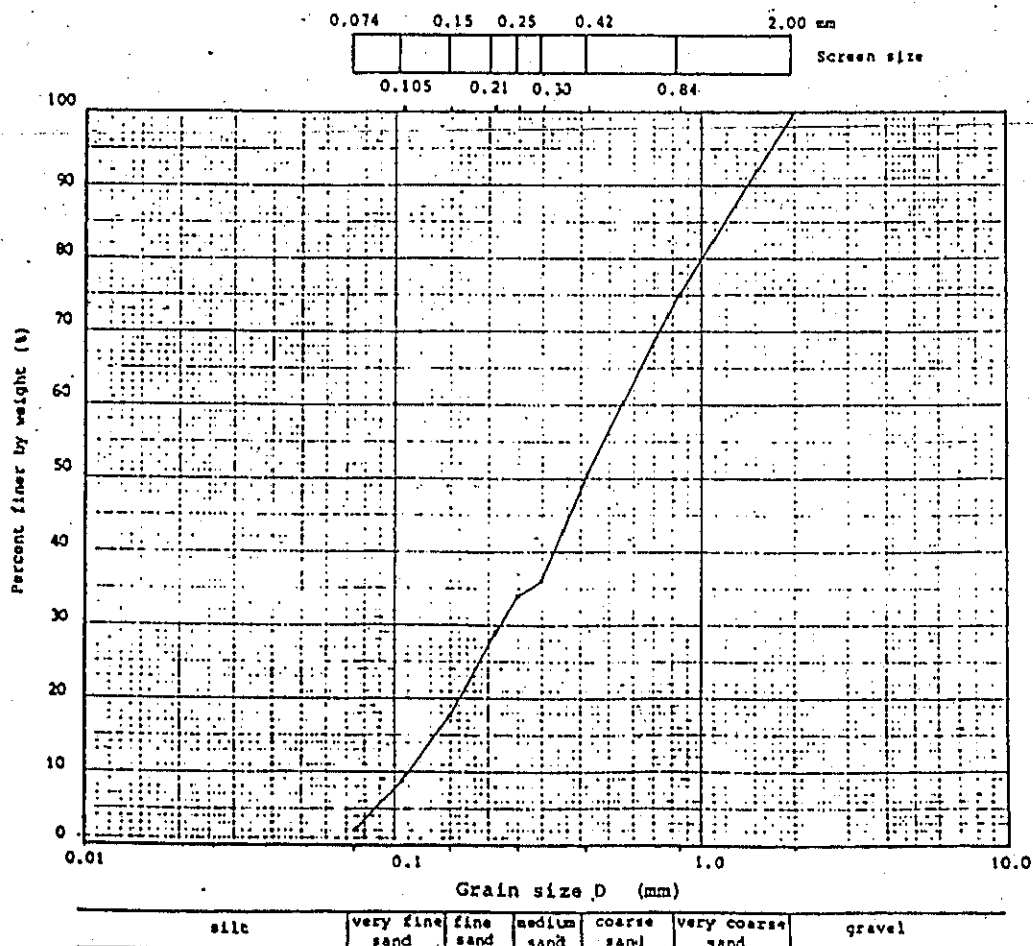
Sample No. 95 B
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	50.1	74.95
0.42	49.05	50.425
0.30	28.4	36.225
0.25	4.5	33.975
0.21	9.75	29.10
0.15	22.7	17.75
0.105	17.65	8.925
0.074	13.65	2.10
	4.20	-

Very coarse sand (2.00-0.84mm) %	25.05
Coarse sand (0.84-0.42mm) %	24.525
Medium sand (0.42-0.25mm) %	16.45
Fine sand (0.25-0.15mm) %	16.225
Very fine sand (0.15-0.074mm) %	15.65
Silt or clay (under 0.074mm) %	2.10
Maximum grain size mm	0.84
60% grain size mm	0.54
30% grain size mm	0.23
10% grain size mm	0.11
Coefficient of uniformity U_c	4.909
Coefficient of curvature U_c'	0.891

Grain size accumulation curve



App. 3.170

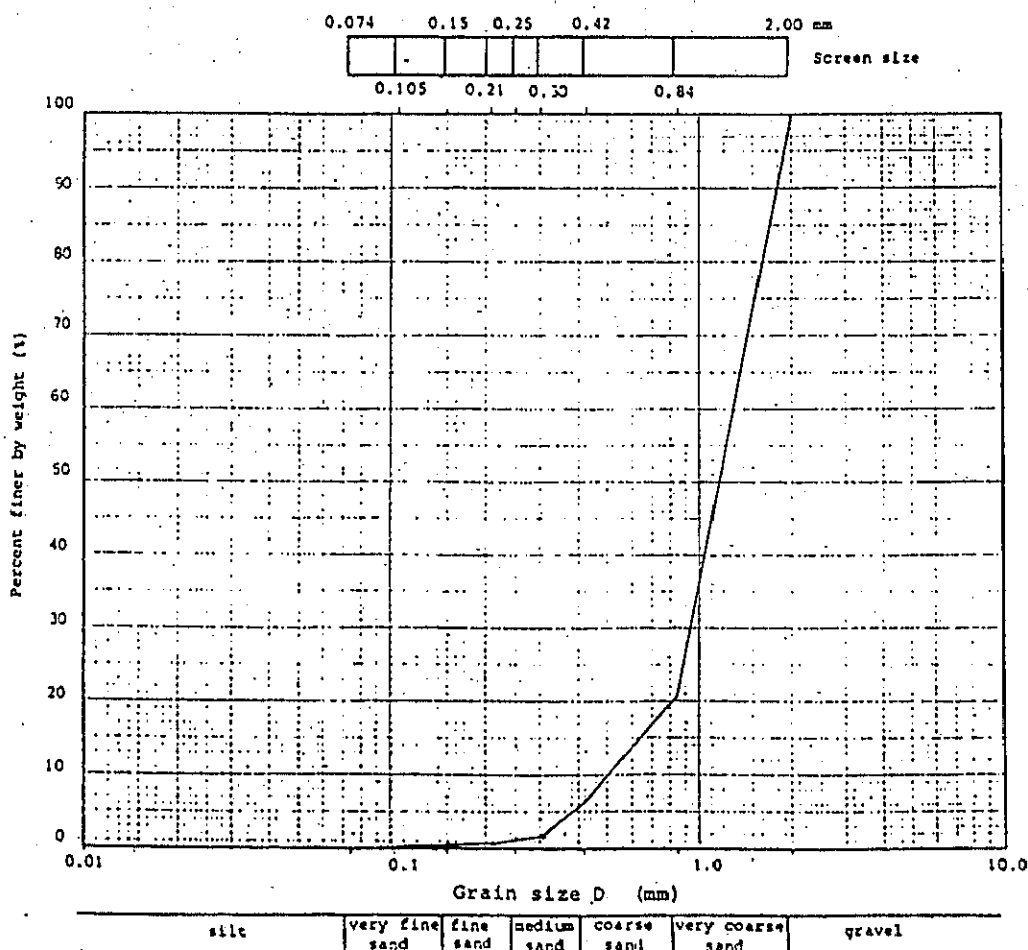
Grain Size Analysis

Sample No. 96 A Date _____
 Name of sample Bali Beach Sand Signature _____
 Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	159.05	20.475
0.42	27.7	6.625
0.30	9.85	1.7
0.25	0.7	1.35
0.21	1.65	0.525
0.15	0.9	0.075
0.105	0.05	0.05
0.074	0.05	0.025
	0.05	-

Very coarse sand (2.00-0.84mm) %	79.525
Coarse sand (0.84-0.42mm) %	13.85
Medium sand (0.42-0.25mm) %	5.275
Fine sand (0.25-0.15mm) %	1.275
Very fine sand (0.15-0.074mm) %	0.05
Silt or clay (under 0.074mm) %	0.025
Maximum grain size mm	0.84
60% grain size mm	1.3
30% grain size mm	0.933
10% grain size mm	0.5
Coefficient of uniformity U_c	2.6
Coefficient of curvature U_c'	1.339

Grain size accumulation curve



App.3.171

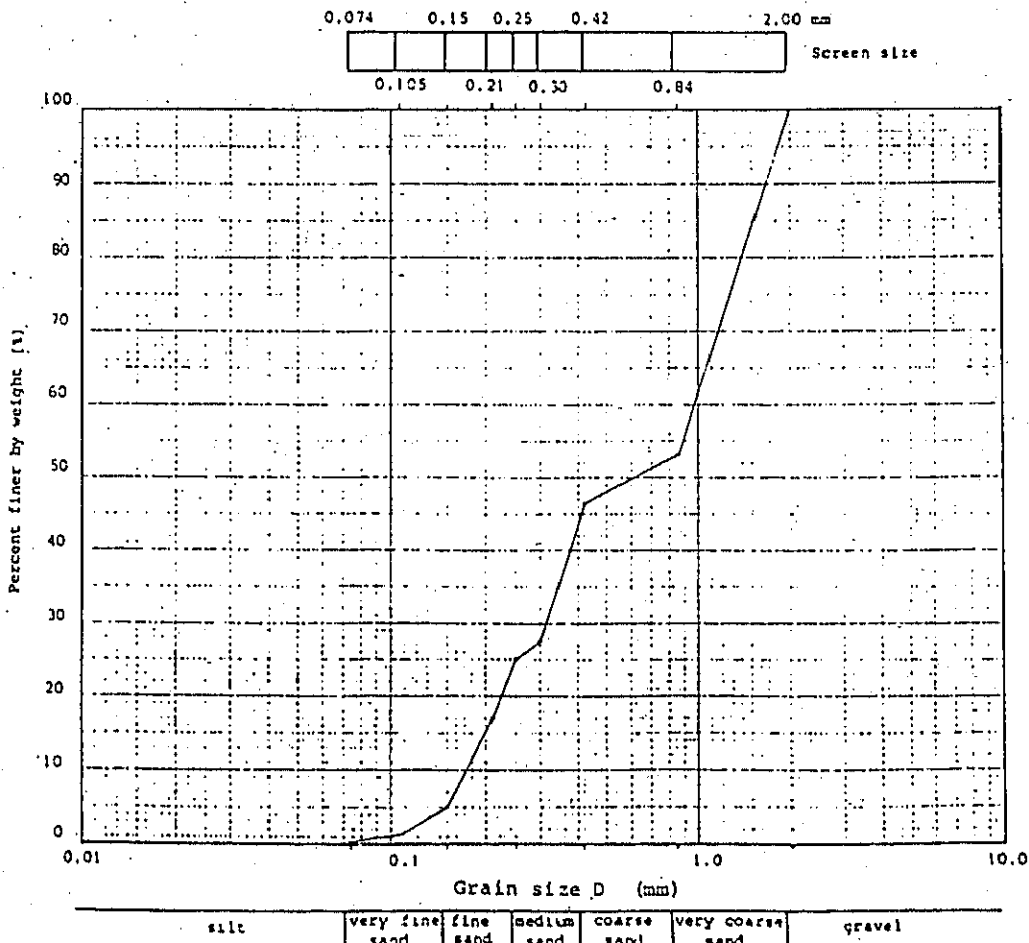
Grain Size Analysis

Sample No. 96 B Date _____
 Name of sample Beach Sand Signature _____
 Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	73.15	63.425
0.42	33.7	46.575
0.30	37.75	27.7
0.25	5.15	25.125
0.21	15.646	17.302
0.15	24.35	5.127
0.105	7.55	1.352
0.074	2.35	0.177
	0.354	-

Very coarse sand (2.00-0.84mm) %	36.575
Coarse sand (0.84-0.42mm) %	16.85
Medium sand (0.42-0.25mm) %	21.45
Fine sand (0.25-0.15mm) %	19.998
Very fine sand (0.15-0.074mm) %	4.95
Silt or clay (under 0.074mm) %	0.177
Maximum grain size mm	0.84
60% grain size mm	0.98
30% grain size mm	0.315
10% grain size mm	0.171
Coefficient of uniformity U_c	5.731
Coefficient of curvature U_c'	0.592

Grain size accumulation curve



App. 3.172

Grain Size Analysis

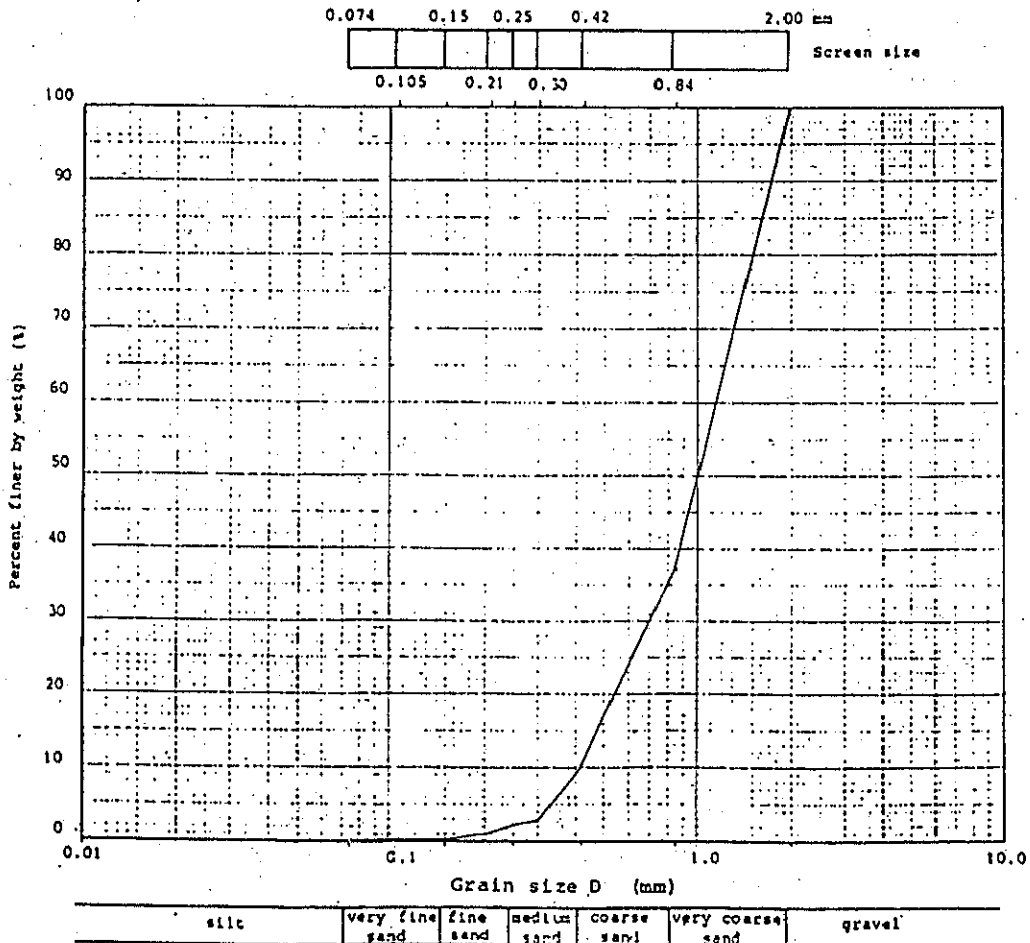
Sample No. 97 A
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	125.4	37.3
0.42	53.4	10.6
0.30	15.65	2.775
0.25	1.0	2.275
0.21	2.4	1.075
0.15	1.6	0.275
0.105	0.2	0.175
0.074	0.05	0.15
	0.30	-

Very coarse sand (2.00-0.84mm) %	62.7
Coarse sand (0.84-0.42mm) %	26.7
Medium sand (0.42-0.25mm) %	8.325
Fine sand (0.25-0.15mm) %	2.0
Very fine sand (0.15-0.074mm) %	0.125
Silt or clay (under 0.074mm) %	0.15
Maximum grain size mm	0.84
60% grain size mm	1.34
30% grain size mm	0.70
10% grain size mm	0.42
Coefficient of uniformity U_c	2.714
Coefficient of curvature U_c'	1.023

Grain size accumulation curve



App. 3.173

Grain Size Analysis

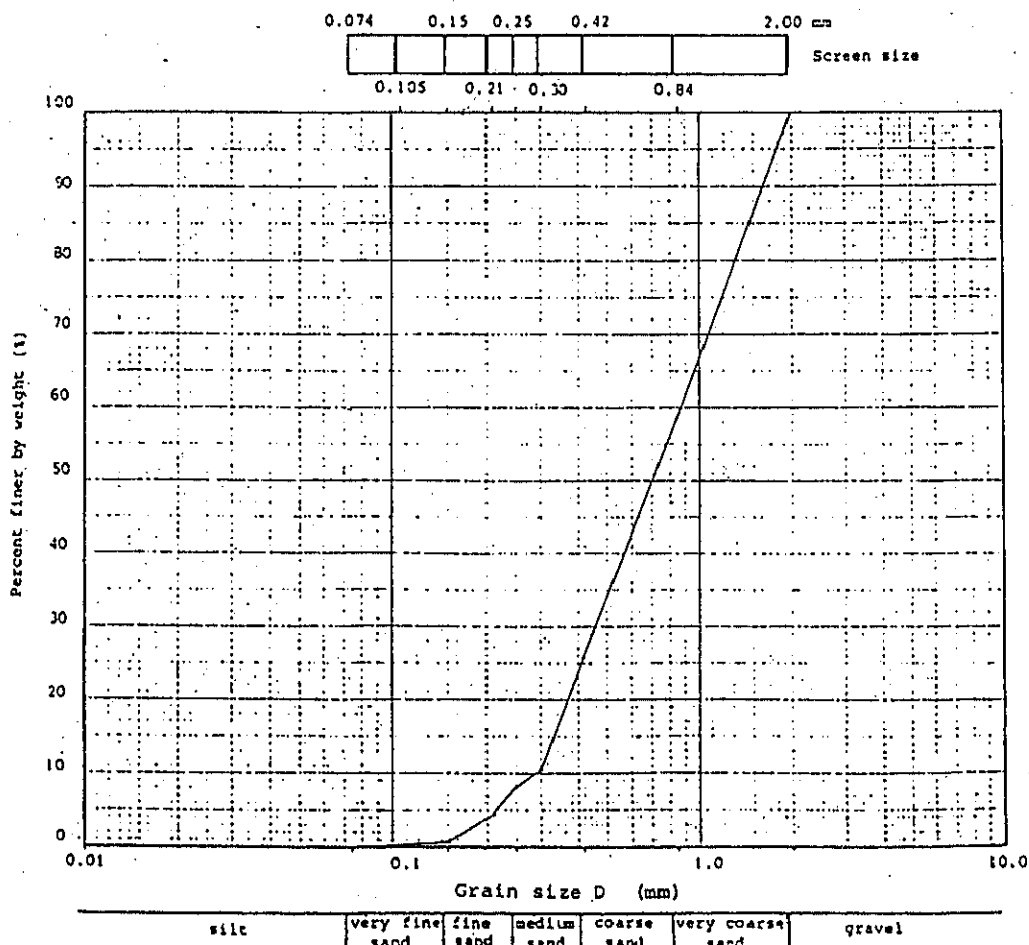
Sample No. 97 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	82.55	58.725
0.42	65.2	26.125
0.30	31.0	10.625
0.25	4.85	8.2
0.21	7.35	4.525
0.15	7.65	0.7
0.105	1.25	0.075
0.074	0.15	0
	0	-

Very coarse sand (2.00-0.84mm) %	41.275
Coarse sand (0.84-0.42mm) %	32.6
Medium sand (0.42-0.25mm) %	17.925
Fine sand (0.25-0.15mm) %	7.5
Very fine sand (0.15-0.074mm) %	0.7
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	0.87
30% grain size mm	0.46
10% grain size mm	0.29
Coefficient of uniformity U_c	3.0
Coefficient of curvature U_c'	0.839

Grain size accumulation curve



App.3.174

Grain Size Analysis

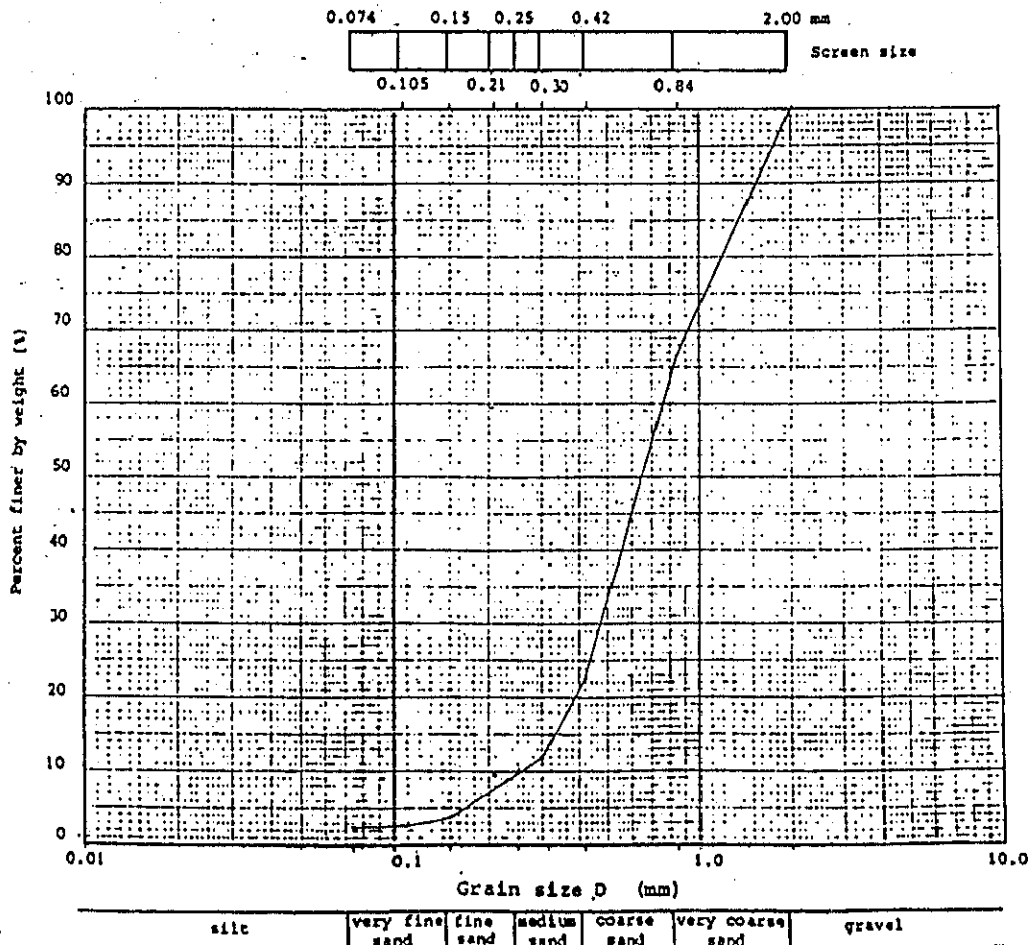
Sample No. 98 A
 Name of sample Bali Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	67.05	66.475
0.42	87.75	22.6
0.30	21.25	11.975
0.25	3.3	10.325
0.21	1.05	9.8
0.15	11.95	3.8226
0.105	2.3	2.6725
0.074	0.2	2.5725
	5.15	-

Very coarse sand (2.00-0.84mm) %	33.525
Coarse sand (0.84-0.42mm) %	43.875
Medium sand (0.42-0.25mm) %	12.275
Fine sand (0.25-0.15mm) %	6.5025
Very fine sand (0.15-0.074mm) %	1.25
Silt or clay (under 0.074mm) %	2.5725
Maximum grain size mm	0.84
60% grain size mm	0.76
30% grain size mm	0.47
10% grain size mm	0.255
Coefficient of uniformity U _c	2.980
Coefficient of curvature U _{c'}	1.140

Grain size accumulation curve



App.3.175

Grain Size Analysis

Sample No. 98 B

Date _____

Name of sample Beach Sand

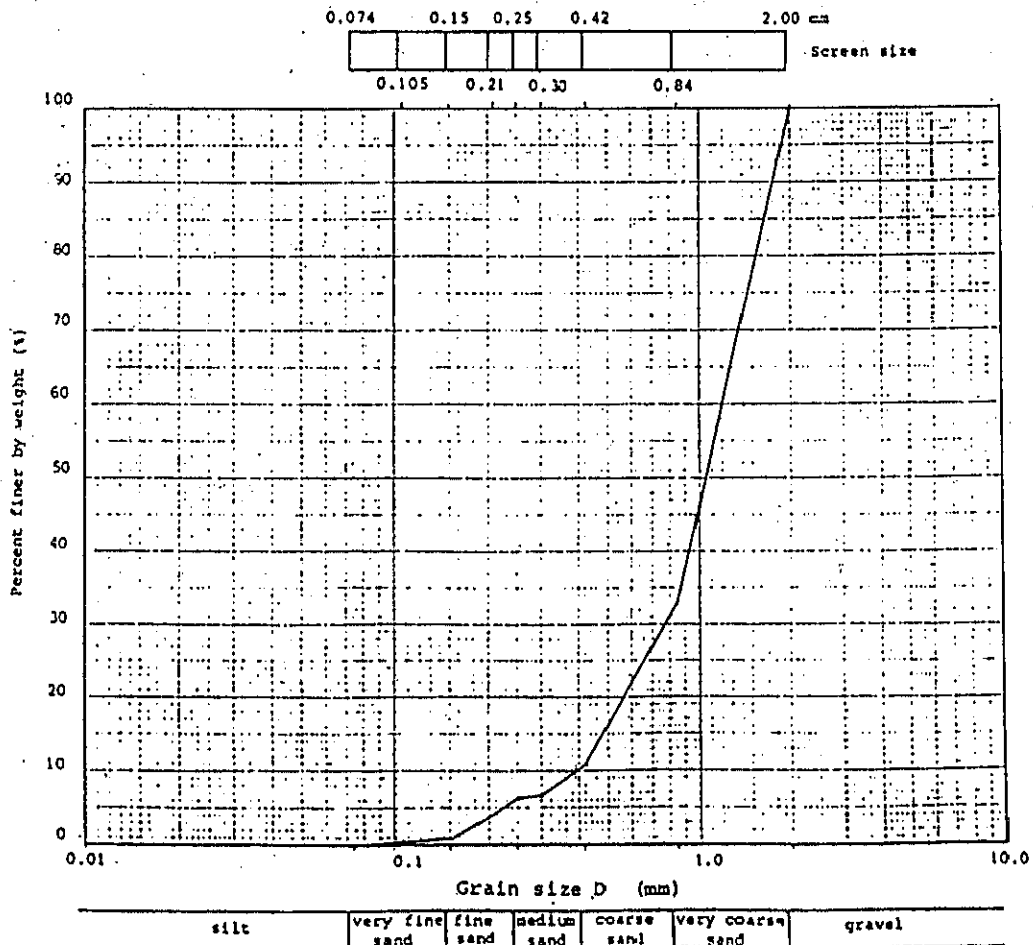
Signature _____

Locality Sanur Beach

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	134.45	32.775
0.42	43.75	10.9
0.30	8.15	6.825
0.25	1.05	6.30
0.21	4.05	4.275
0.15	6.65	0.95
0.105	1.8	0.05
0.074	0.10	0
	0	-

Very coarse sand (2.00-0.84mm) %	67.225
Coarse sand (0.84-0.42mm) %	21.875
Medium sand (0.42-0.25mm) %	4.6
Fine sand (0.25-0.15mm) %	5.35
Very fine sand (0.15-0.074mm) %	0.95
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.2
30% grain size mm	0.77
10% grain size mm	0.39
Coefficient of uniformity U_c	3.077
Coefficient of curvature U_c'	1.267

Grain size accumulation curve



App.3.176

Grain Size Analysis

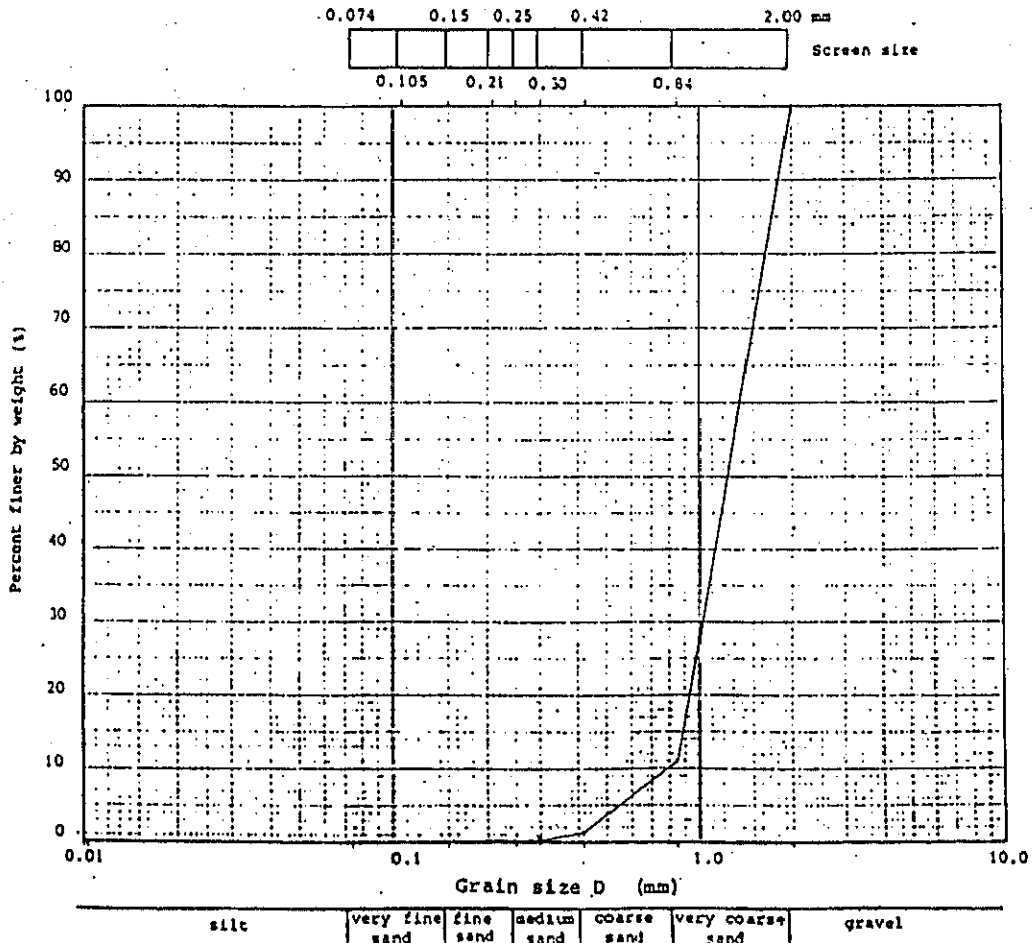
Sample No. 99 A
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	177.95	11.025
0.42	19.40	1.325
0.30	2.5	0.075
0.25	0.65	0.05
0.21	-	-
0.15	0.05	0.025
0.105	-	-
0.074	0.05	0.
	0	-

Very coarse sand (2.00-0.84mm) %	88.975
Coarse sand (0.84-0.42mm) %	9.7
Medium sand (0.42-0.25mm) %	1.275
Fine sand (0.25-0.15mm) %	0.025
Very fine sand (0.15-0.074mm) %	0.025
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.36
30% grain size mm	1.02
10% grain size mm	0.79
Coefficient of uniformity U_c	1.722
Coefficient of curvature U_c'	0.968

Grain size accumulation curve



App. 3.177

Grain Size Analysis

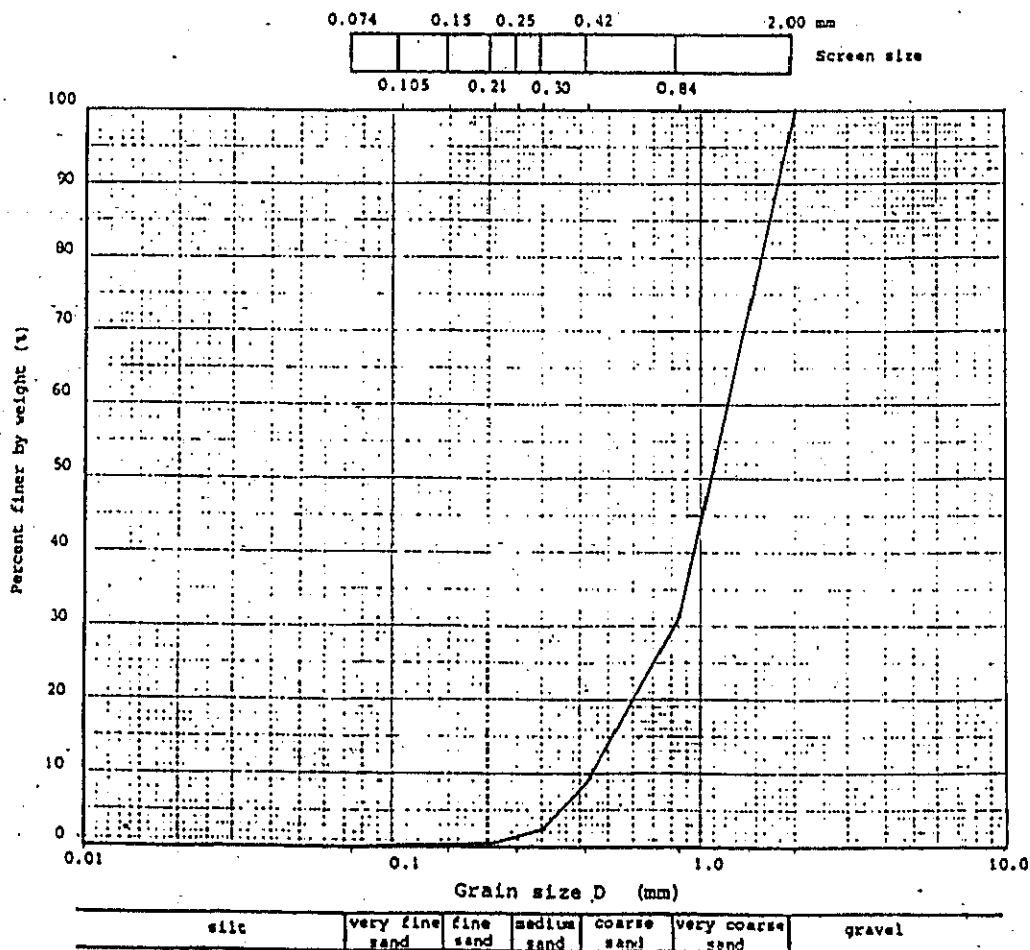
Sample No. 99 B
 Name of sample Beach Sand
 Locality Sanur Beach

Date _____
 Signature _____

Grain size (mm)	Weight (g)	Weight percent (%)
2.00		100
0.84	137.95	31.025
0.42	44.75	8.65
0.30	12.95	2.175
0.25	1.15	1.6
0.21	1.85	0.675
0.15	1.2	0.075
0.105	0.1	0.025
0.074	0.05	0
	0	-

Very coarse sand (2.00-0.84mm) %	68.975
Coarse sand (0.84-0.42mm) %	22.375
Medium sand (0.42-0.25mm) %	7.05
Fine sand (0.25-0.15mm) %	1.525
Very fine sand (0.15-0.074mm) %	0.075
Silt or clay (under 0.074mm) %	0
Maximum grain size mm	0.84
60% grain size mm	1.2
30% grain size mm	0.82
10% grain size mm	0.44
Coefficient of uniformity U_c	2.727
Coefficient of curvature U_c'	1.273

Grain size accumulation curve



App.3.178