

Grain Size Analysis - Mechanical

Project USACE- Jacksonville District
 Laboratory Name Dames & Moore - Atlanta
 Visual Description of Soil Poorly Graded Sand
 Reaction to HCL Strong
 Tested By: MA

L
 Bor
 Sample
 Depth of Samp
 Date of Te
 Est. Percent St

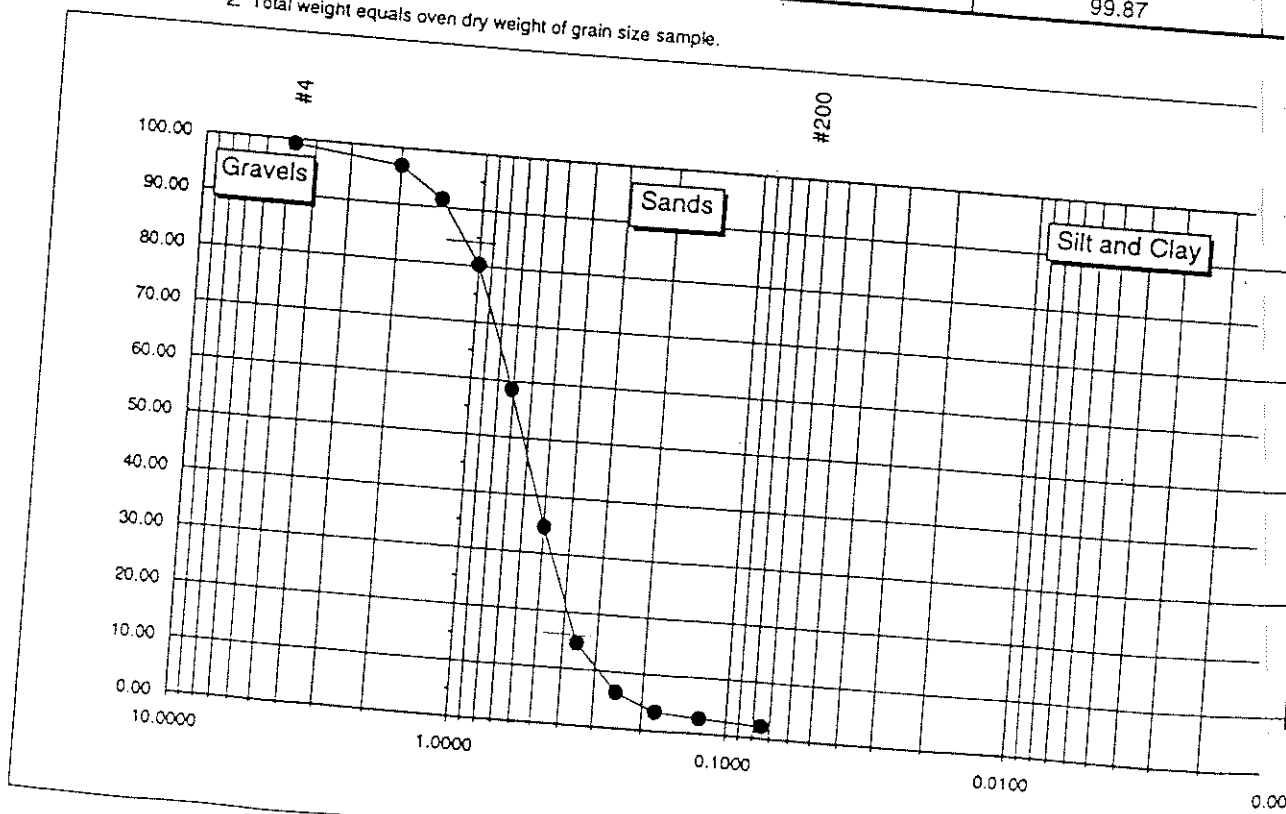
Weight of Soil and Dish: 334.56
 Dry Weight Soil and Dish: 286.10
 Weight Dish: 86.65
 Total Weight: 199.45
 Weight Soil & Dish after Washing: 282.25
 Weight of Oven Dry after Washing: 195.60

10% Passing - D10
 30% Passing - D30
 60% Passing - D60
 Coef. Of Uniformity -
 Coef. Of Curvature -
 Classification:

Sieve No.	Size (mm)	Individual Weight Retained	Cumulative Weight Retained	Cumulative Percent Retained
#4	4.7500	1.65	1.65	0.83
#10	2.0000	4.70	6.35	3.18
#14	1.4000	10.75	17.10	8.57
#25	1.0000	22.25	39.35	19.73
#35	0.7100	43.35	82.70	41.46
#45	0.5000	47.65	130.35	65.35
#60	0.3550	40.05	170.40	85.43
#80	0.2500	16.30	186.70	93.61
#120	0.1800	5.95	192.65	96.59
#200	0.1250	1.45	194.10	97.32
Pan	0.0750	1.20	195.30	97.92
		0.05	199.20	99.87

Notes:

1. All weights in grams.
2. Total weight equals oven dry weight of grain size sample.



Grain Size Analysis - Mechanical

Project USACE- Jacksonville District
 Laboratory Name Dames & Moore - Atlanta
 Visual Description of Soil Silty Sand
 Reaction to HCL Strong
 Tested By: MA

Location
 Boring No.
 Sample No.
 Depth of Sample (ft.):
 Date of Testing:
 Est. Percent Shell:

Weight of Soil and Dish: 351.09
 Dry Weight Soil and Dish: 296.00
 Weight Dish: 86.68
 Total Weight: 209.32
 Weight Soil & Dish after Washing: 277.30
 Weight of Oven Dry after Washing: 190.62

10% Passing - D10
 30% Passing - D30
 60% Passing - D60
 Coef. Of Uniformity - Cu
 Coef. Of Curvature - Cc
 Classification:

Sieve No.	Size (mm)	Individual Weight Retained	Cumulative Weight Retained	Cumulative Percent Retained	Cu P Fine
#4	4.7500	0.35	0.35	0.17	
#10	2.0000	0.30	0.65	0.31	
#14	1.4000	0.80	1.45	0.69	
#18	1.0000	2.25	3.70	1.77	
#25	0.7100	5.95	9.65	4.61	
#35	0.5000	12.10	21.75	10.39	
#45	0.3550	3.10	24.85	11.87	
#60	0.2500	5.30	30.15	14.40	
#80	0.1800	5.65	35.80	17.10	
#120	0.1250	18.20	54.00	25.80	
#200	0.0750	129.55	183.55	87.69	
Pan		5.25	207.50	99.13	

Notes:

1. All weights in grams.
2. Total weight equals oven dry weight of grain size sample.

