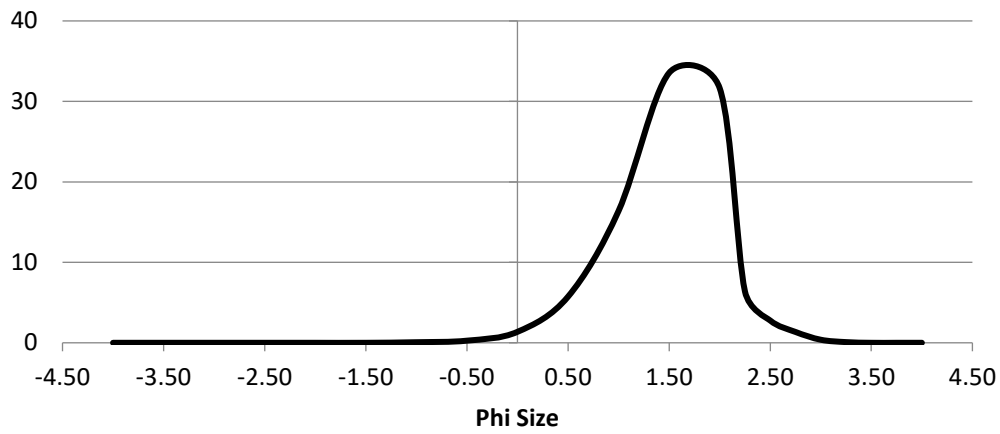
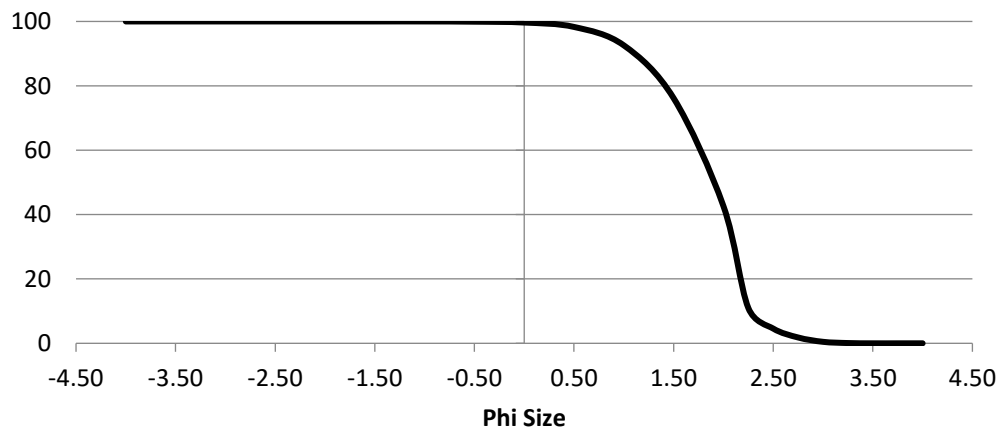


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: BI				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: Dune Toe					
Analysis Date: 1/31/2018					
Processed By: Dillon Cheney					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0	0.00	100.00
7	-1.50	2.83	0	0.00	100.00
10	-1.00	2.00	0.17	0.07	100.00
14	-0.50	1.41	0.61	0.27	99.93
18	0.00	1.00	3.11	1.36	99.66
25	0.50	0.71	13.08	5.73	98.30
35	1.00	0.50	37.4	16.39	92.56
45	1.50	0.35	76.54	33.54	76.17
60	2.00	0.25	72.23	31.65	42.63
70	2.25	0.21	14.59	6.39	10.98
80	2.50	0.18	6.32	2.77	4.59
100	2.75	0.15	3.08	1.35	1.82
120	3.00	0.13	0.87	0.38	0.47
140	3.25	0.11	0.2	0.09	0.09
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			227.63	Notes:	
Post-Sieve Weight (g):			228.20		
Sieve Loss (%):			-0.25		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.35	0.39	0.58	-0.43	3.64
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 0		% Carbonate: NA			
Sand (%): 100		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color:	2.5Y 7/3

**Individual Weight Percent**

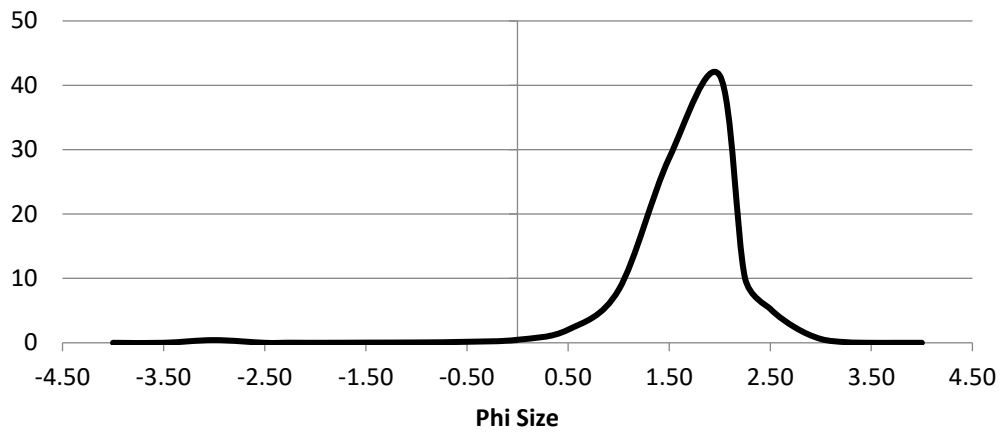


**Cumulative Weight Percent**

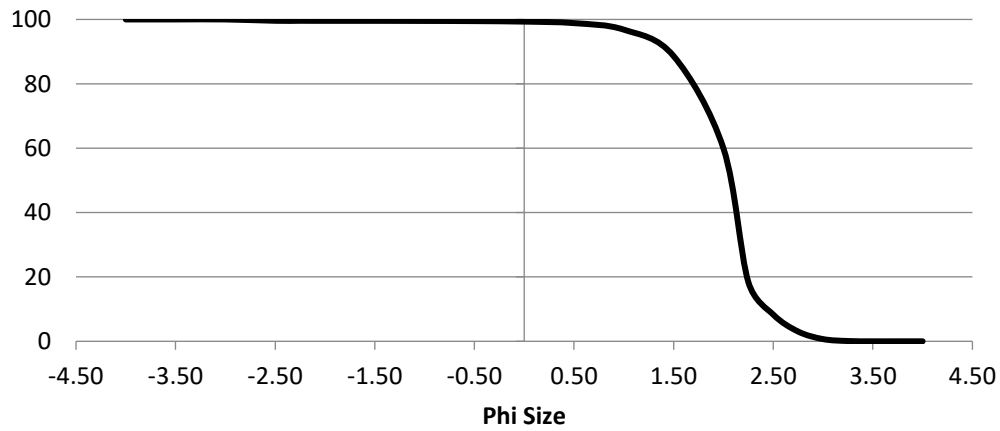


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: BI				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: Midbeach					
Analysis Date: 1/31/2018					
Processed By: Dillon Cheney					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	1.3	0.42	100.00
3.5	-2.50	5.66	0	0.00	99.58
4	-2.25	4.76	0.05	0.02	99.58
5	-2.00	4.00	0	0.00	99.56
7	-1.50	2.83	0.09	0.03	99.56
10	-1.00	2.00	0.17	0.05	99.54
14	-0.50	1.41	0.49	0.16	99.48
18	0.00	1.00	1.46	0.47	99.32
25	0.50	0.71	6.28	2.03	98.85
35	1.00	0.50	25.43	8.20	96.83
45	1.50	0.35	88.91	28.67	88.63
60	2.00	0.25	128.82	41.54	59.96
70	2.25	0.21	31.32	10.10	18.42
80	2.50	0.18	16.37	5.28	8.32
100	2.75	0.15	7.28	2.35	3.04
120	3.00	0.13	1.85	0.60	0.69
140	3.25	0.11	0.3	0.10	0.10
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			311.95	Notes:	
Post-Sieve Weight (g):			310.12		
Sieve Loss (%):			0.59		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.56	0.34	0.61	-2.43	19.32
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 1		% Carbonate: NA			
Sand (%): 99		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color:	2.5Y 7/2

### Individual Weight Percent

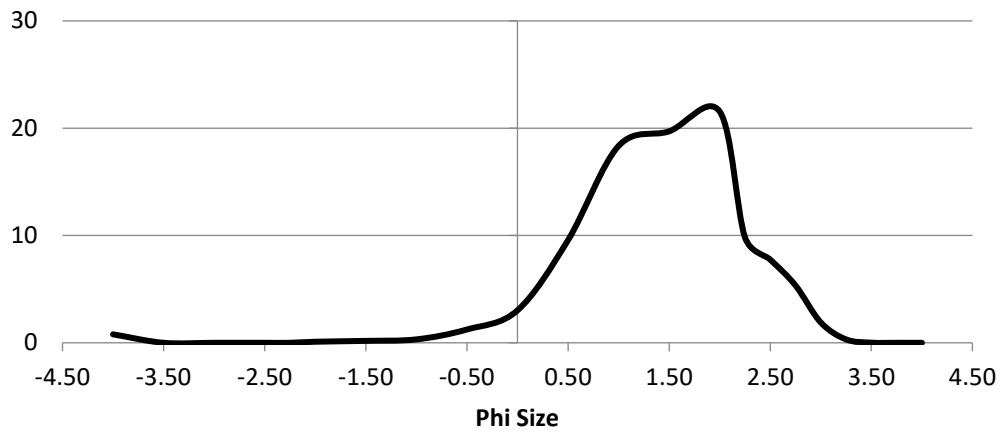


### Cumulative Weight Percent

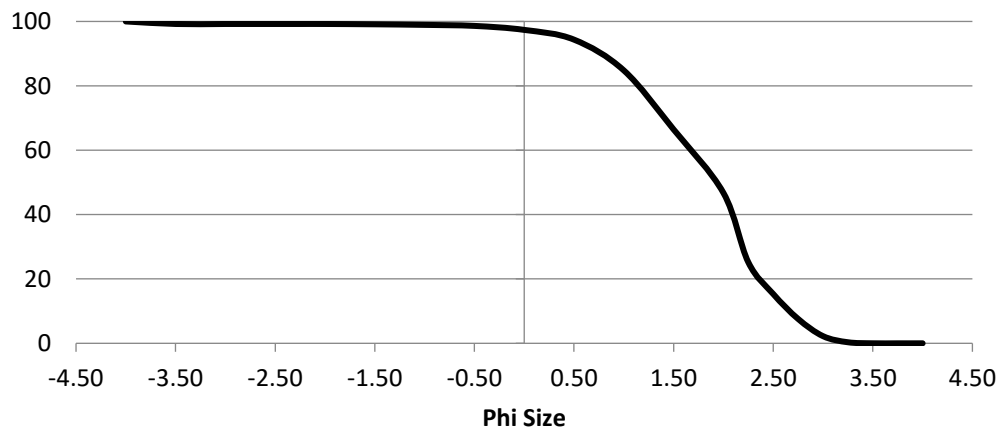


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: BI				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: Shoreline					
Analysis Date: 1/31/2018					
Processed By: Dillon Cheney					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	2.18	0.79	100.00
11/16	-3.50	11.31	0	0.00	99.21
5/16	-3.00	8.00	0	0.00	99.21
3.5	-2.50	5.66	0	0.00	99.21
4	-2.25	4.76	0	0.00	99.21
5	-2.00	4.00	0.28	0.10	99.21
7	-1.50	2.83	0.5	0.18	99.11
10	-1.00	2.00	0.88	0.32	98.93
14	-0.50	1.41	3.43	1.24	98.61
18	0.00	1.00	8.35	3.02	97.37
25	0.50	0.71	26.44	9.56	94.35
35	1.00	0.50	50.72	18.34	84.79
45	1.50	0.35	54.49	19.71	66.44
60	2.00	0.25	59.61	21.56	46.73
70	2.25	0.21	27.2	9.84	25.17
80	2.50	0.18	21.44	7.75	15.34
100	2.75	0.15	14.79	5.35	7.58
120	3.00	0.13	5.25	1.90	2.23
140	3.25	0.11	0.88	0.32	0.33
170	3.50	0.09	0.04	0.01	0.01
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			276.28	Notes:	
Post-Sieve Weight (g):			276.48		
Sieve Loss (%):			-0.07		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.33	0.40	0.96	-1.64	9.95
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 2		% Carbonate: NA			
Sand (%): 98		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color:	2.5Y 7/2

### Individual Weight Percent

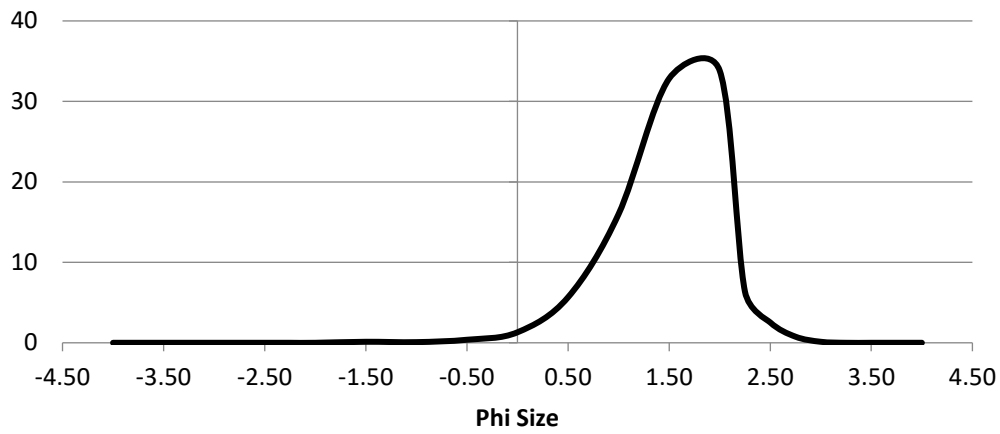


### Cumulative Weight Percent

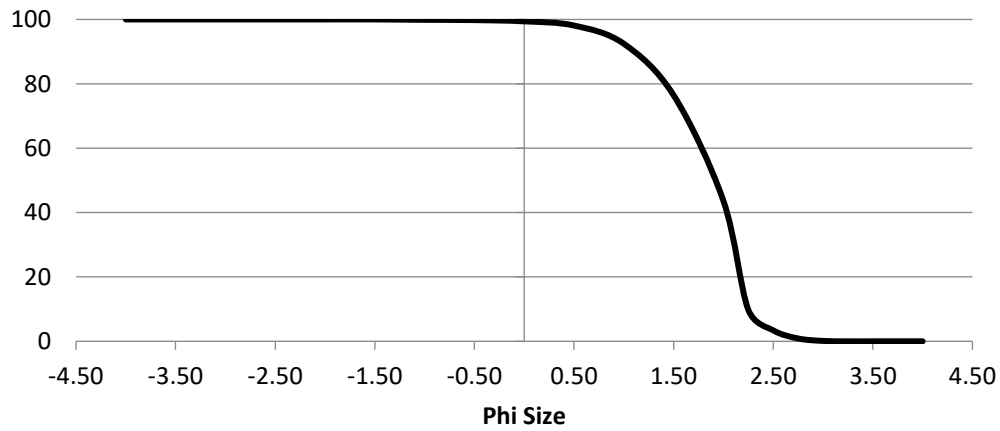


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: BI				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: High logger 45cm depth					
Analysis Date: 2/26/2017					
Processed By: Matt Bristol					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0	0.00	100.00
7	-1.50	2.83	0.3	0.13	100.00
10	-1.00	2.00	0.2	0.08	99.87
14	-0.50	1.41	0.9	0.38	99.79
18	0.00	1.00	3.1	1.31	99.41
25	0.50	0.71	13.4	5.65	98.10
35	1.00	0.50	37.9	15.99	92.45
45	1.50	0.35	77.8	32.83	76.46
60	2.00	0.25	80.2	33.84	43.63
70	2.25	0.21	15.1	6.37	9.79
80	2.50	0.18	6	2.53	3.42
100	2.75	0.15	1.8	0.76	0.89
120	3.00	0.13	0.3	0.13	0.13
140	3.25	0.11	0	0.00	0.00
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			238.20	Notes:	
Post-Sieve Weight (g):			237.00		
Sieve Loss (%):			0.50		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.35	0.39	0.58	-0.78	4.57
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%):	1	% Carbonate:	42.86		
Sand (%):	99	Organic Content		Wet/moist color:	
Mud (%):	0	% Organics:		Dry color:	2.5Y 8/4

### Individual Weight Percent



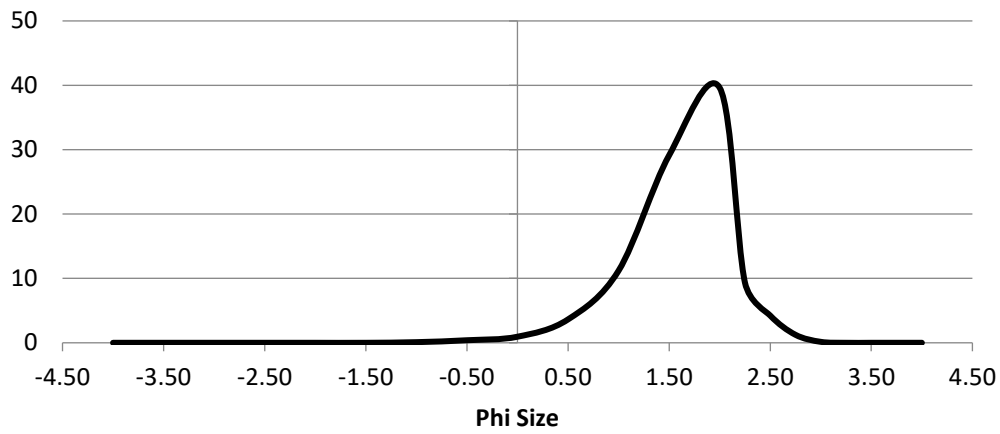
### Cumulative Weight Percent



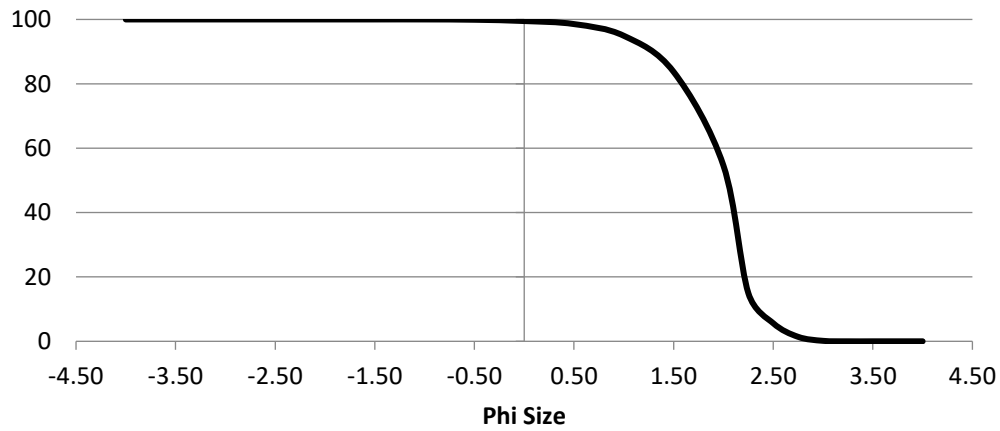


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: BI				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: High logger 70cm depth					
Analysis Date: 2/26/2017					
Processed By: Matt Bristol					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0	0.00	100.00
7	-1.50	2.83	0	0.00	100.00
10	-1.00	2.00	0.2	0.10	100.00
14	-0.50	1.41	0.8	0.40	99.90
18	0.00	1.00	1.9	0.95	99.50
25	0.50	0.71	7.3	3.63	98.56
35	1.00	0.50	22.5	11.20	94.92
45	1.50	0.35	58.5	29.12	83.72
60	2.00	0.25	79.6	39.62	54.60
70	2.25	0.21	18.8	9.36	14.98
80	2.50	0.18	8.5	4.23	5.62
100	2.75	0.15	2.5	1.24	1.39
120	3.00	0.13	0.3	0.15	0.15
140	3.25	0.11	0	0.00	0.00
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			201.40	Notes:	
Post-Sieve Weight (g):			200.90		
Sieve Loss (%):			0.25		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.48	0.36	0.55	-0.84	4.54
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 0		% Carbonate: 43.48			
Sand (%): 100		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics:		Dry color: 2.5Y 8/3	

### Individual Weight Percent

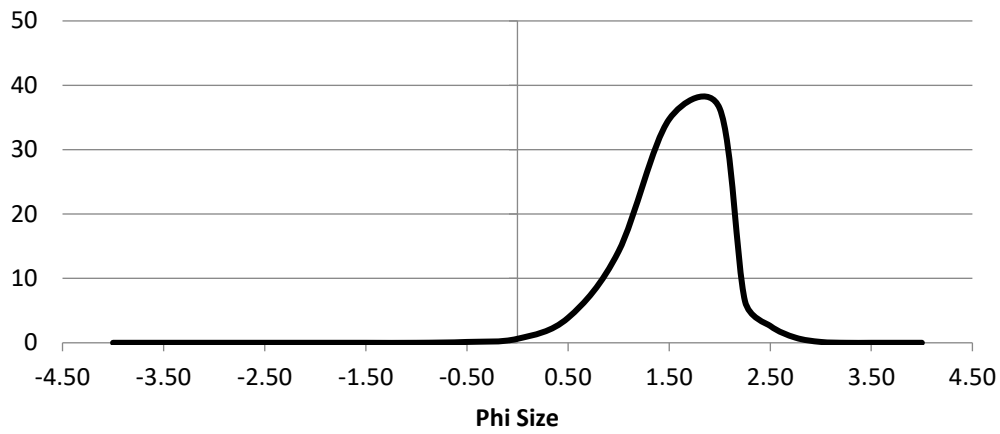


### Cumulative Weight Percent

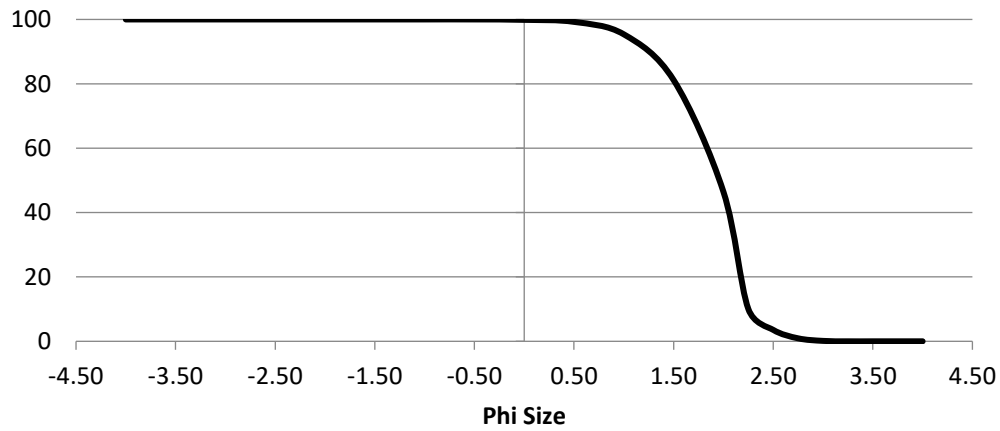


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: BI				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: Mid logger 45cm depth					
Analysis Date: 2/26/2017					
Processed By: Matt Bristol					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0	0.00	100.00
7	-1.50	2.83	0	0.00	100.00
10	-1.00	2.00	0	0.00	100.00
14	-0.50	1.41	0.3	0.13	100.00
18	0.00	1.00	1.4	0.62	99.87
25	0.50	0.71	8.7	3.87	99.24
35	1.00	0.50	31.9	14.20	95.37
45	1.50	0.35	78	34.71	81.17
60	2.00	0.25	81.8	36.40	46.46
70	2.25	0.21	14.6	6.50	10.06
80	2.50	0.18	5.9	2.63	3.56
100	2.75	0.15	1.8	0.80	0.93
120	3.00	0.13	0.3	0.13	0.13
140	3.25	0.11	0	0.00	0.00
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			224.80	Notes:	
Post-Sieve Weight (g):			224.70		
Sieve Loss (%):			0.04		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.41	0.38	0.51	-0.48	3.56
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 0		% Carbonate: 59.38			
Sand (%): 100		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics:		Dry color: 2.5Y 8/2	

### Individual Weight Percent

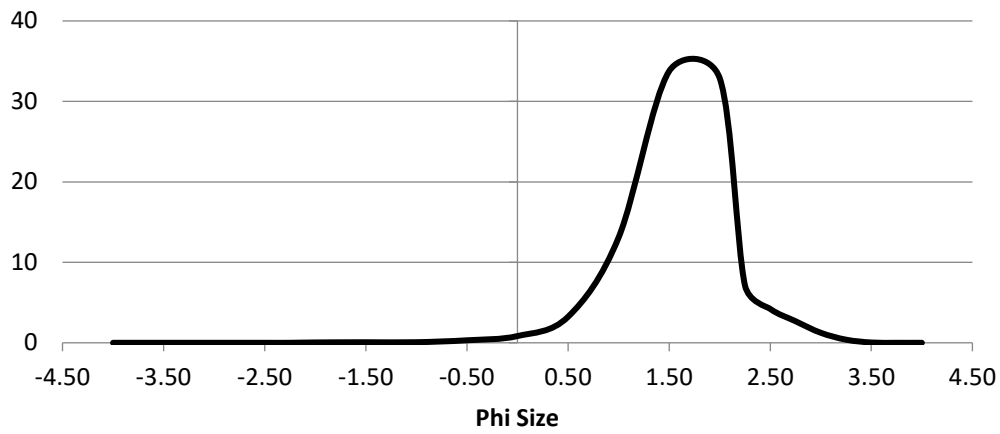


### Cumulative Weight Percent

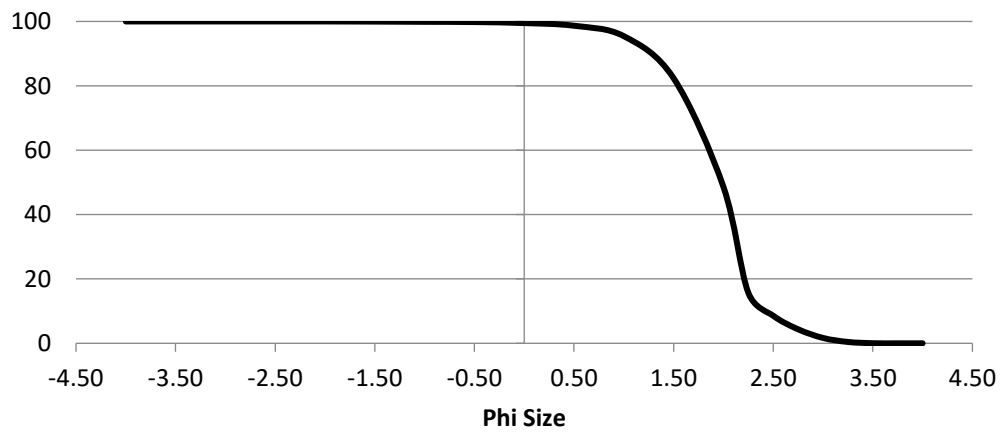


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: Irma				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: OR Dune 9-15-17					
Analysis Date: 2/13/2018					
Processed By: CC					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0.12	0.05	100.00
7	-1.50	2.83	0.19	0.07	99.95
10	-1.00	2.00	0.2	0.08	99.88
14	-0.50	1.41	0.83	0.31	99.81
18	0.00	1.00	2.22	0.84	99.49
25	0.50	0.71	8.55	3.23	98.66
35	1.00	0.50	34.62	13.07	95.43
45	1.50	0.35	89.39	33.75	82.36
60	2.00	0.25	87.15	32.90	48.61
70	2.25	0.21	18.91	7.14	15.71
80	2.50	0.18	11.16	4.21	8.57
100	2.75	0.15	7.11	2.68	4.36
120	3.00	0.13	3.3	1.25	1.67
140	3.25	0.11	1.03	0.39	0.43
170	3.50	0.09	0.1	0.04	0.04
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			265.64	Notes:	
Post-Sieve Weight (g):			264.88		
Sieve Loss (%):			0.29		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.47	0.36	0.60	-0.44	5.04
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 1		% Carbonate: 44			
Sand (%): 99		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color: 2.5Y 7/1	

### Individual Weight Percent

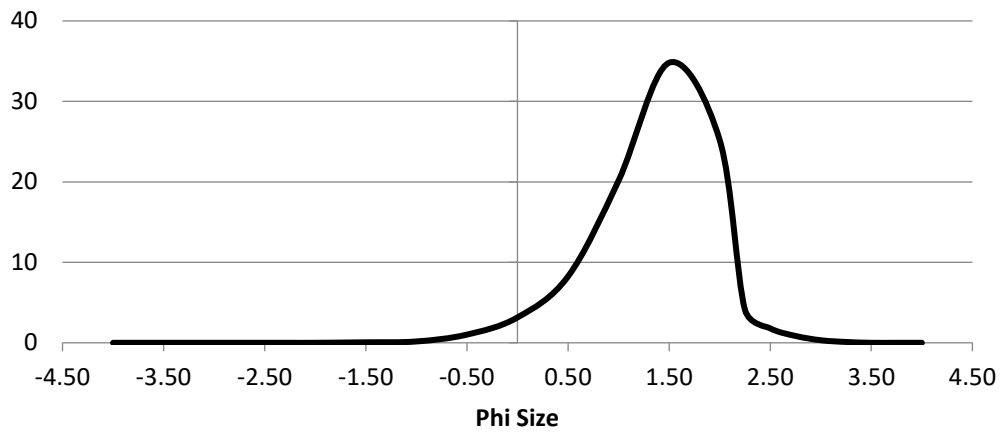


### Cumulative Weight Percent

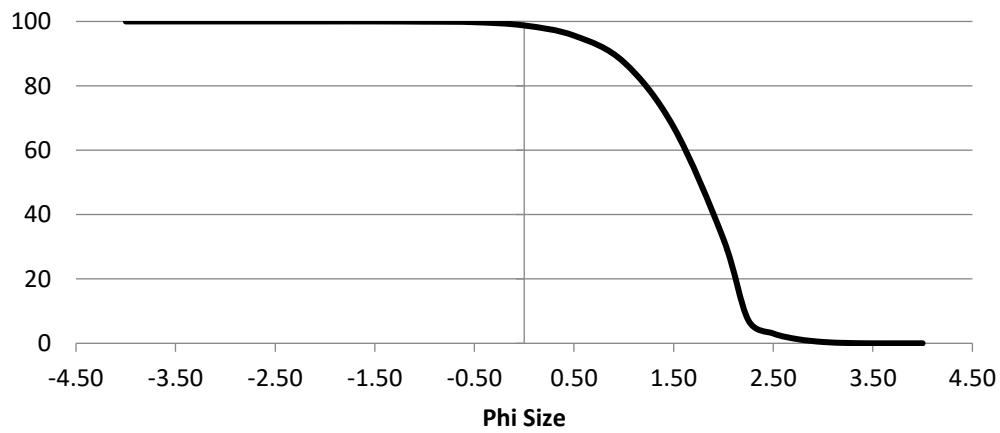


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: Irma				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: OR Mid 7-17-17					
Analysis Date: 2/13/2018					
Processed By: CC					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0	0.00	100.00
7	-1.50	2.83	0.12	0.06	100.00
10	-1.00	2.00	0.31	0.17	99.94
14	-0.50	1.41	1.89	1.02	99.77
18	0.00	1.00	5.85	3.15	98.75
25	0.50	0.71	15.3	8.24	95.60
35	1.00	0.50	37.41	20.15	87.36
45	1.50	0.35	64.61	34.81	67.20
60	2.00	0.25	46.8	25.21	32.39
70	2.25	0.21	7.63	4.11	7.18
80	2.50	0.18	3.34	1.80	3.07
100	2.75	0.15	1.58	0.85	1.27
120	3.00	0.13	0.59	0.32	0.42
140	3.25	0.11	0.19	0.10	0.10
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			185.60	Notes:	
Post-Sieve Weight (g):			185.62		
Sieve Loss (%):			-0.01		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.19	0.44	0.63	-0.56	3.88
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 1		% Carbonate: 44			
Sand (%): 99		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color: 2.5Y 7/1	

### Individual Weight Percent



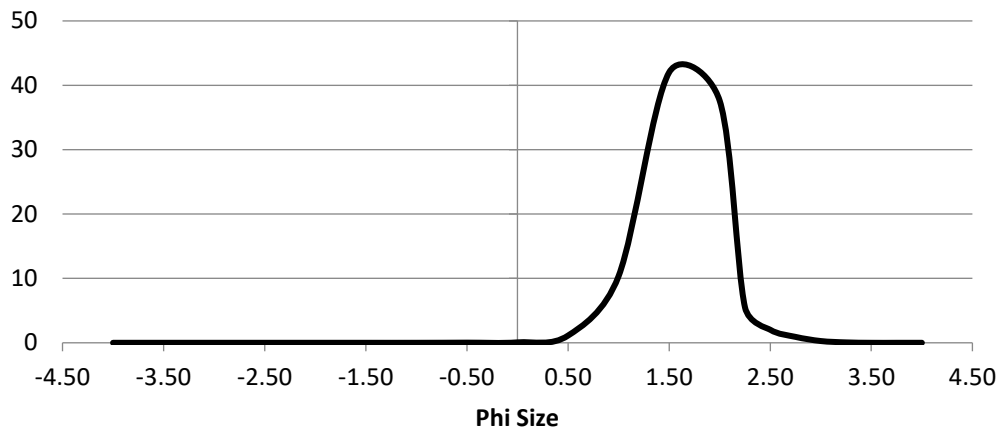
### Cumulative Weight Percent



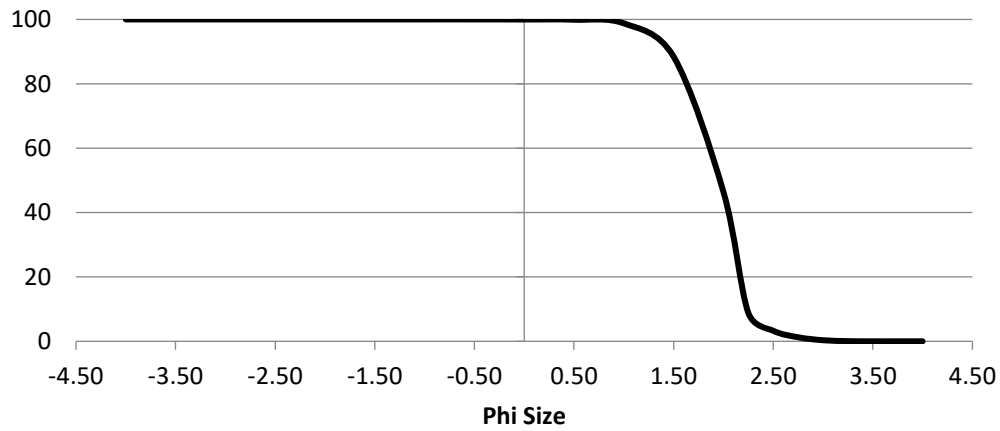


Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: Irma				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: OR Mid 9-15-17					
Analysis Date: 2/13/2018					
Processed By: CC					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	0	0.00	100.00
4	-2.25	4.76	0	0.00	100.00
5	-2.00	4.00	0	0.00	100.00
7	-1.50	2.83	0	0.00	100.00
10	-1.00	2.00	0	0.00	100.00
14	-0.50	1.41	0.09	0.03	100.00
18	0.00	1.00	0.23	0.07	99.97
25	0.50	0.71	3.73	1.12	99.90
35	1.00	0.50	34.45	10.35	98.78
45	1.50	0.35	139.85	42.00	88.44
60	2.00	0.25	125.27	37.62	46.44
70	2.25	0.21	18.43	5.53	8.82
80	2.50	0.18	6.75	2.03	3.29
100	2.75	0.15	3.07	0.92	1.26
120	3.00	0.13	0.92	0.28	0.34
140	3.25	0.11	0.21	0.06	0.06
170	3.50	0.09	0	0.00	0.00
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g):			333.31	Notes:	
Post-Sieve Weight (g):			333.00		
Sieve Loss (%):			0.09		
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.46	0.36	0.43	-0.03	3.69
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 0		% Carbonate: 44			
Sand (%): 100		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color:	2.5Y 7/1

### Individual Weight Percent

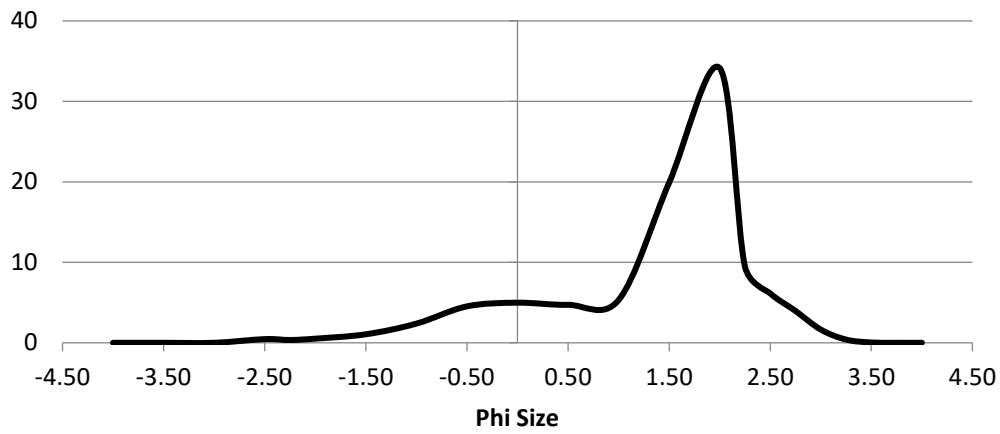


### Cumulative Weight Percent



Granulometric Analysis Sediment Data Sheet				Florida Atlantic University Department of Geosciences Coastal Studies Laboratory	
Project: Irma				777 Glades Road Boca Raton, FL 33431 561-297-4669	
Sample: OR Shore 7-17-17					
Analysis Date: 2/13/2018					
Processed By: CC					
Comments:					
Sieve No.	Sieve Size (φ)	Sieve Size (mm)	Weight (g)	% Weight	Cum. Weight %
3/4	-4.25	19.03	0	0.00	100.00
5/8	-4.00	16.00	0	0.00	100.00
11/16	-3.50	11.31	0	0.00	100.00
5/16	-3.00	8.00	0	0.00	100.00
3.5	-2.50	5.66	1.6	0.46	100.00
4	-2.25	4.76	1.22	0.35	99.54
5	-2.00	4.00	1.8	0.52	99.19
7	-1.50	2.83	3.69	1.06	98.68
10	-1.00	2.00	8.31	2.38	97.62
14	-0.50	1.41	15.79	4.53	95.23
18	0.00	1.00	17.38	4.98	90.71
25	0.50	0.71	16.46	4.72	85.72
35	1.00	0.50	18.51	5.31	81.00
45	1.50	0.35	69.35	19.89	75.69
60	2.00	0.25	119.06	34.14	55.81
70	2.25	0.21	33.06	9.48	21.67
80	2.50	0.18	21.41	6.14	12.19
100	2.75	0.15	13.8	3.96	6.05
120	3.00	0.13	5.75	1.65	2.09
140	3.25	0.11	1.4	0.40	0.44
170	3.50	0.09	0.14	0.04	0.04
200	3.75	0.07	0	0.00	0.00
230	4.00	0.06	0	0.00	0.00
Pan	>4.00	<0.06	0	0.00	0.00
Pre-Sieve Weight (g): 350.40			Notes:		
Post-Sieve Weight (g): 348.73					
Sieve Loss (%): 0.48					
Moment Method Statistics	Mean (φ)	Mean (mm)	Sorting (φ)	Skewness (φ)	Kurtosis (φ)
	1.28	0.41	1.07	-1.33	4.59
Size Class Distribution		Carbonate Content		Megascopic Description (Munsell Color)	
Gravel (%): 3		% Carbonate: 44			
Sand (%): 97		Organic Content		Wet/moist color:	
Mud (%): 0		% Organics: NA		Dry color:	2.5Y 7/1

### Individual Weight Percent



### Cumulative Weight Percent

