

Granularmetric Report

Depths and elevations based on measured values



715-E North Dr.
Melbourne, Fl. 32934
Phone (321) 751-1135
Fax (321) 751-2343

Project Name: Gulf County Supplemental

Sample Name: C-205 #1

Analysis Date: 08-06-06

Analyzed By: LA

Easting (ft): 1,677,605.54	Northing (ft): 262,477.99	Coordinate System: Florida State Plane North	Elevation (ft): -31.9 NAVD 88
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USCS: SP	Munsell: Wet - 10YR-8/1	Comments:
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Dry Weight (g): 134.71	Wash Weight (g):	Pan Retained (g): 0.01	Sieve Loss (%):	Fines (%): #200 - 0.11 #230 - 0.11	Organics (%):	Carbonates (%):	Shells (%):
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Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.61	0.45	0.61	0.45
3.5	-2.50	5.66	0.54	0.40	1.15	0.85
4	-2.25	4.76	0.70	0.52	1.85	1.37
5	-2.00	4.00	0.34	0.25	2.19	1.62
7	-1.50	2.83	0.86	0.64	3.05	2.26
10	-1.00	2.00	1.51	1.12	4.56	3.38
14	-0.50	1.41	1.76	1.31	6.32	4.69
18	0.00	1.00	2.33	1.73	8.65	6.42
25	0.50	0.71	5.47	4.06	14.12	10.48
35	1.00	0.50	13.00	9.65	27.12	20.13
45	1.50	0.35	46.25	34.33	73.37	54.46
60	2.00	0.25	46.94	34.85	120.31	89.31
80	2.50	0.18	12.79	9.49	133.10	98.80
120	3.00	0.13	1.34	0.99	134.44	99.79
170	3.50	0.09	0.12	0.09	134.56	99.88
200	3.75	0.07	0.01	0.01	134.57	99.89
230	4.00	0.06	0.00	0.00	134.57	99.89

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Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
2.30	1.92	1.79	1.44	1.07	0.79	-0.41

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	1.28	0.41	0.86	-2.3	10.45

GRANULARMETRIC REPORT GULF COUNTY SUPPLEMENTAL.GPJ FL DEP ROSS.GDT 12/5/07

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715-E North Dr.
Melbourne, Fl. 32934
Phone (321) 751-1135
Fax (321) 751-2343

Project Name: Gulf County Supplemental

Sample Name: C-205 #2

Analysis Date: 08-06-06

Analyzed By: JV

Easting (ft): 1,677,605.54	Northing (ft): 262,477.99	Coordinate System: Florida State Plane North	Elevation (ft): -35.6 NAVD 88
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USCS: SP	Munsell: Wet - 10YR-6/1	Comments:
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Dry Weight (g): 128.97	Wash Weight (g): 124.05	Pan Retained (g): 0.04	Sieve Loss (%): 0.44	Fines (%): #200 - 4.33 #230 - 4.29	Organics (%):	Carbonates (%):	Shells (%):
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Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
5/8"	-4.00	16.00	3.02	2.34	3.02	2.34
11/16"	-3.50	11.31	0.00	0.00	3.02	2.34
5/16"	-3.00	8.00	2.59	2.01	5.61	4.35
3.5	-2.50	5.66	2.40	1.86	8.01	6.21
4	-2.25	4.76	0.75	0.58	8.76	6.79
5	-2.00	4.00	0.86	0.67	9.62	7.46
7	-1.50	2.83	1.45	1.12	11.07	8.58
10	-1.00	2.00	1.14	0.88	12.21	9.46
14	-0.50	1.41	1.21	0.94	13.42	10.40
18	0.00	1.00	1.16	0.90	14.58	11.30
25	0.50	0.71	2.01	1.56	16.59	12.86
35	1.00	0.50	4.76	3.69	21.35	16.55
45	1.50	0.35	10.11	7.84	31.46	24.39
60	2.00	0.25	21.37	16.57	52.83	40.96
80	2.50	0.18	47.28	36.66	100.11	77.62
120	3.00	0.13	20.25	15.70	120.36	93.32
170	3.50	0.09	2.86	2.22	123.22	95.54
200	3.75	0.07	0.17	0.13	123.39	95.67
230	4.00	0.06	0.05	0.04	123.44	95.71

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Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
3.38	2.70	2.46	2.12	1.52	0.93	-2.83

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	1.54	0.34	1.37	-1.86	6.57

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