

SUMMARY OF LABORATORY TESTING
Client South Florida Water Management District

Project Name J.W. Corbett Wildlife Management Area

Project Number 060735

Sample ID	Sample #	Sample Depth (ft)	Sieve Analysis (Percent Passing)									Natural Moisture (%)	Atterberg Limits (%)		Organic Content (%)
			From - To	3/8"	#4	#10	#20	#40	#50	#70	#100		#200	LL	
S-5	5	8' -10'	-	-	-	-	-	-	-	-	-	18.6	-	-	0.7
S-14	14	26' -28	99.3	99	98.8	98.7	98.3	96.7	80.7	40.8	2.9	27.6	-	-	-
S-40	40	78' -80'	97.3	91.3	80	67.2	57.7	53.8	48.9	41.8	8.1	25	-	-	-

* No soil classification conducted for S-5. Only organic content is reported.



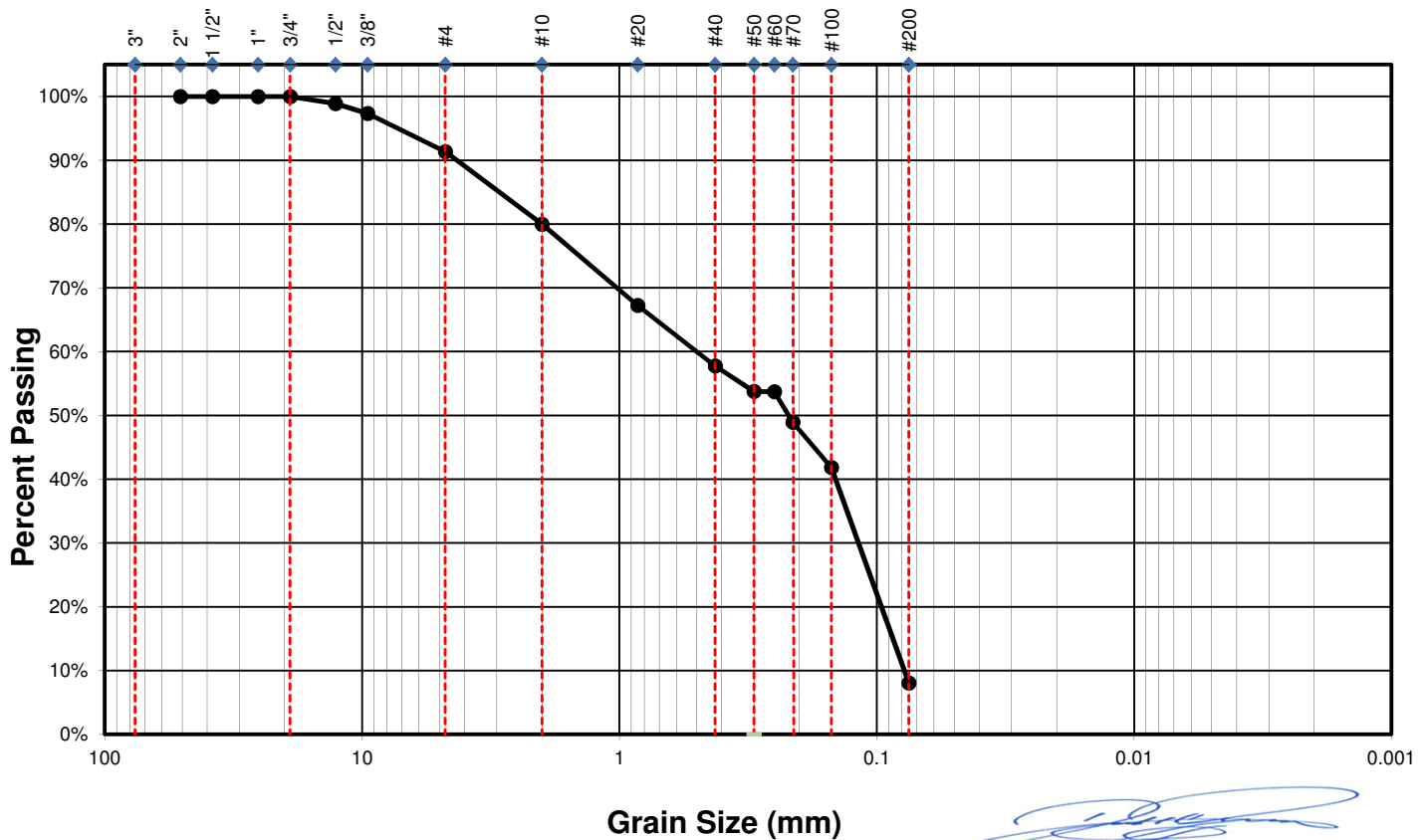
SOIL CLASSIFICATION - ASTM D 2487

PROJECT NAME: Corbett Geotechnical	LAB ID NO.: CL-0001
PROJECT LOCATION: Corbette Wildlife	PROJECT NO.: 060735
PROJECT CLIENT: South Florida Water Management District	

SAMPLE ID:	DESCRIPTION	MC	ATTERBERG LIMITS			Organics	pH
			LL	PL	PI		
D1	Medium dense to dense gray fine sand, trace shell fragments, rocks	25.0%	**	**	**	**	**
Depth (feet): 78' - 80'	SP-SM ** Not Tested	TOTAL WEIGHT OF DRY SAMPLE: 937.8					

D90 (mm)	D60 (mm)	D50 (mm)	D30 (mm)	D10 (mm)	Cc	Cu	% Gravel	% Sand	% Fine
4.29	0.50	0.22	0.12	0.08	0.35	6.42	8.7%	83%	8.1%

GRAIN SIZE DISTRIBUTION CURVE



GRAVEL	SAND			FINES	
	COARSE	MEDIUM	FINE	SILT	CLAY

TEST METHODS

MOISTURE CONTENT (ASTM D2216)	PERCENT PASING #200 SIEVE (ASTM D1140)	SIEVE ANALYSIS (ASTM D422)
Ph of Soils (ASTM D4972)	ORGANIC CONTENT BY WEIGHT (ASTM D2974)	Topsoil Used for Landscaping Purposes (ASTM D5268)

SOIL CLASSIFICATION - LAB OUTPUT

PROJECT NAME: Corbett Geotechnical PROJECT NO.: 060735
 LAB ID NO.: CL-0001 SAMPLE LOCATION: D1 78' - 80'
 SAMPLE DESCRIPTION: Medium dense to dense gray fine sand, trace shell fragments, rocks

MOISTURE CONTENT (ASTM D2216)		PERCENT PASING #200 SIEVE (ASTM D1140)	
TARE NUMBER	J	TARE NUMBER	J
WT. OF TARE	119.10	WT. OF TARE	119.10
WT. OF WET SAMPLE + TARE	1290.90	WT. OF SAMPLE BEFORE WASH + TARE	1056.90
WT. OF DRY SAMPLE + TARE	1056.90	WT. OF SAMPLE AFTER WASH + TARE	994.80
WT. OF WATER	234.00	WT. OF SAMPLE AFTER WASH	875.70
MOISTURE CONTENT	25.0%	PERCENT PASSING #200 SIEVE	6.6%

SIEVE ANALYSIS (ASTM D422)				
TOTAL DRY WEIGHT OF SAMPLE		937.80		
SIEVE SIZE	INDIVIDUAL WEIGHT RETAINED	CUMULATIVE WEIGHT RETAINED	PERCENT RETAINED	PERCENT PASSING
2"	0.00	0.00	0%	100.0%
1 1/2"	0.00	0.00	0%	100.0%
1"	0.00	0.00	0%	100.0%
3/4"	0.00	0.00	0%	100.0%
1/2"	10.30	10.30	1.1%	98.9%
3/8"	14.60	24.90	2.7%	97.3%
#4	56.30	81.20	8.7%	91.3%
#10	106.60	187.80	20.0%	80.0%
#20	119.40	307.20	32.8%	67.2%
#40	89.10	396.30	42.3%	57.7%
#50	37.40	433.70	46.2%	53.8%
#60	0.30	434.00	46.3%	53.7%
#70	45.00	479.00	51.1%	48.9%
#100	66.60	545.60	58.2%	41.8%
#200	316.70	862.30	91.9%	8.1%
Pan	13.40	875.70	93.4%	



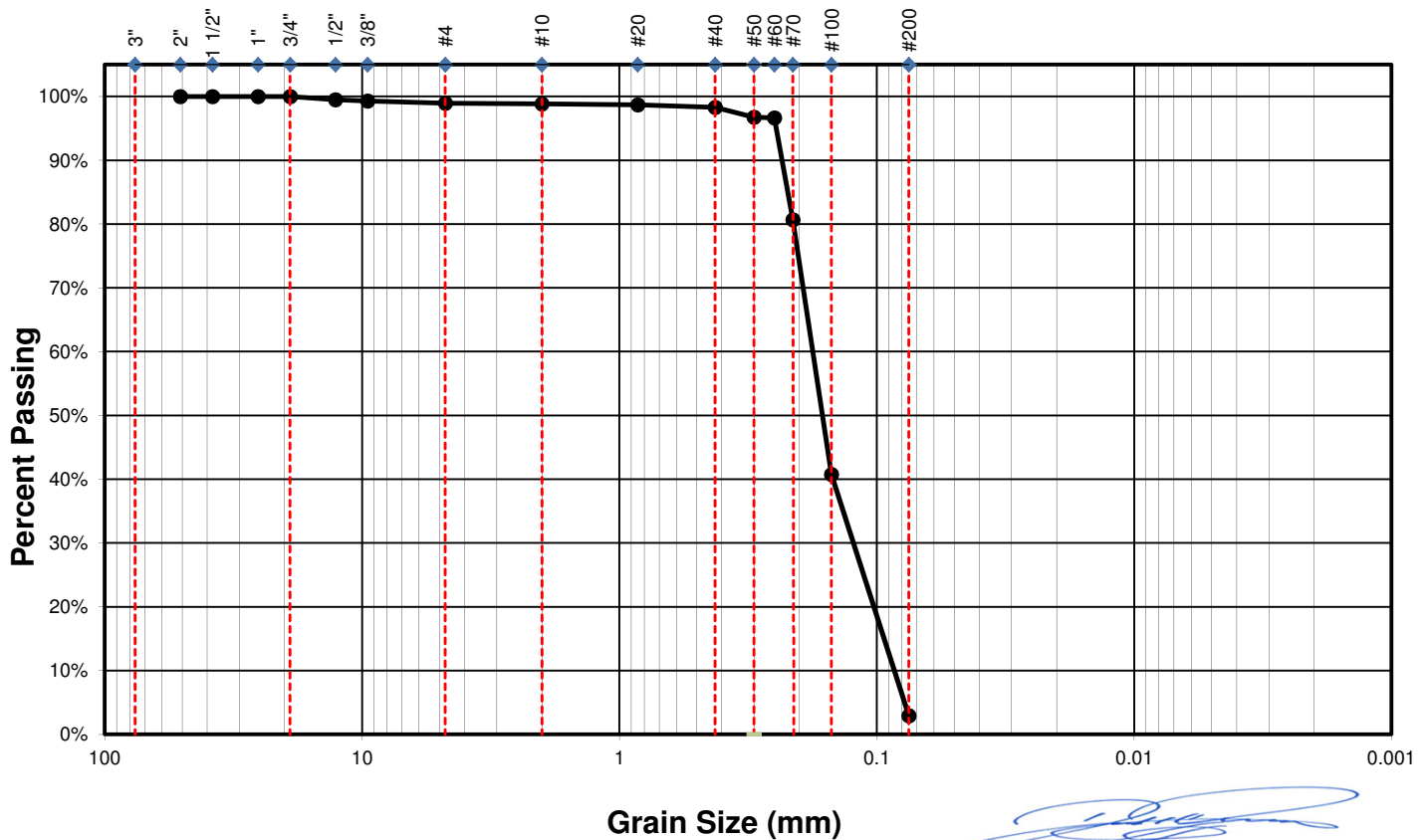
SOIL CLASSIFICATION - ASTM D 2487

PROJECT NAME: Corbett Geotechnical	LAB ID NO.: CL-0002
PROJECT LOCATION: Corbette Wildlife	PROJECT NO.: 060735
PROJECT CLIENT: South Florida Water Management District	

SAMPLE ID:	DESCRIPTION	MC	ATTERBERG LIMITS			Organics	pH
			LL	PL	PI		
D1	Very loose to loose very dark gray fine sand, trace of shell fragments, rocks, and organics	27.6%	**	**	**	**	**
Depth (feet): 26' - 28'	SP ** Not Tested	TOTAL WEIGHT OF DRY SAMPLE: 781.0					

D90 (mm)	D60 (mm)	D50 (mm)	D30 (mm)	D10 (mm)	Cc	Cu	% Gravel	% Sand	% Fine
0.23	0.18	0.16	0.12	0.09	1.00	2.08	1.0%	96%	2.9%

GRAIN SIZE DISTRIBUTION CURVE



GRAVEL	SAND			FINES	
	COARSE	MEDIUM	FINE	SILT	CLAY

TEST METHODS

MOISTURE CONTENT (ASTM D2216)	PERCENT PASING #200 SIEVE (ASTM D1140)	SIEVE ANALYSIS (ASTM D422)
Ph of Soils (ASTM D4972)	ORGANIC CONTENT BY WEIGHT (ASTM D2974)	Topsoil Used for Landscaping Purposes (ASTM D5268)

SOIL CLASSIFICATION - LAB OUTPUT

PROJECT NAME: Corbett Geotechnical PROJECT NO.: 060735
 LAB ID NO.: CL-0002 SAMPLE LOCATION: D1 26' - 28'
 SAMPLE DESCRIPTION: Very loose to loose very dark gray fine sand, trace of shell fragments, rocks, and organics

MOISTURE CONTENT (ASTM D2216)		PERCENT PASING #200 SIEVE (ASTM D1140)	
TARE NUMBER	K	TARE NUMBER	K
WT. OF TARE	119.70	WT. OF TARE	119.70
WT. OF WET SAMPLE + TARE	1115.90	WT. OF SAMPLE BEFORE WASH + TARE	900.70
WT. OF DRY SAMPLE + TARE	900.70	WT. OF SAMPLE AFTER WASH + TARE	881.40
WT. OF WATER	215.20	WT. OF SAMPLE AFTER WASH	761.70
MOISTURE CONTENT	27.6%	PERCENT PASSING #200 SIEVE	2.5%

SIEVE ANALYSIS (ASTM D422)				
TOTAL DRY WEIGHT OF SAMPLE		781.00		
SIEVE SIZE	INDIVIDUAL WEIGHT RETAINED	CUMULATIVE WEIGHT RETAINED	PERCENT RETAINED	PERCENT PASSING
2"	0.00	0.00	0%	100.0%
1 1/2"	0.00	0.00	0%	100.0%
1"	0.00	0.00	0%	100.0%
3/4"	0.00	0.00	0%	100.0%
1/2"	3.90	3.90	0.5%	99.5%
3/8"	1.70	5.60	0.7%	99.3%
#4	2.50	8.10	1.0%	99.0%
#10	1.10	9.20	1.2%	98.8%
#20	0.90	10.10	1.3%	98.7%
#40	3.10	13.20	1.7%	98.3%
#50	12.30	25.50	3.3%	96.7%
#60	0.60	26.10	3.3%	96.7%
#70	124.90	151.00	19.3%	80.7%
#100	311.60	462.60	59.2%	40.8%
#200	295.70	758.30	97.1%	2.9%
Pan	3.40	761.70	97.5%	

SOIL CLASSIFICATION - LAB OUTPUT

PROJECT NAME: Corbett Geotechnical PROJECT NO.: 060735
 LAB ID NO.: CL-0003 SAMPLE LOCATION: D1 8' - 10'
 SAMPLE DESCRIPTION: Medium dense inorganic dark gray fine sand, trace of shell fragments, rocks

MOISTURE CONTENT (ASTM D2216)		PERCENT PASING #200 SIEVE (ASTM D1140)	
TARE NUMBER	V	TARE NUMBER	V
WT. OF TARE	118.10	WT. OF TARE	118.10
WT. OF WET SAMPLE + TARE	1073.10	WT. OF SAMPLE BEFORE WASH + TARE	0.00
WT. OF DRY SAMPLE + TARE	923.30	WT. OF SAMPLE AFTER WASH + TARE	0.00
WT. OF WATER	149.80	WT. OF SAMPLE AFTER WASH	-118.10
MOISTURE CONTENT	18.6%	PERCENT PASSING #200 SIEVE	0.0%
ORGANIC CONTENT BY WEIGHT (ASTM D2974)			Pan
TARE NUMBER	254	263	199
WT. OF DRY SAMPLE + TARE	186.85	134.02	149.23
WT. OF SAMPLE AFTER IGNITION + TARE	185.95	133.31	148.43
WT. OF TARE	67.22	37.92	41.11
ORGANIC CONTENT BY WEIGHT	0.8%	0.7%	0.7%
			0.7%
			N/A

* No soil classification conducted for S-5. Only organic content is reported.