
ADDENDUM No. 2:
PAVING AND DRAINAGE IMPROVEMENTS FLOOD MITIGATION AREA

TOWN OF MEDLEY
MEDLEY, FLORIDA
BID No. 2011-07

JANUARY 4, 2012

This Addendum forms a part of the Bidding Documents and will be incorporated into the Contract Documents. Insofar as the Invitation for Bid or Drawings or both are inconsistent, this Addendum governs. The Invitation for Bid (IFB) is revised to the extent specifically amended by this Addendum. Otherwise, all provisions of the IFB remain in effect.

The addendum will hereby modify, correct, and/or supplement the contract documents as follows:

2-1: CONDITIONS OF CONTRACT, GENERAL CONDITIONS, AND SPECIFICATIONS:

Appendix A: Geotechnical Exploration

- Add the following documents
 - Bureau Veritas – Percolation Test and Asphalt Cores Report (See attachment 1)
 - Bureau Veritas – Geotechnical Exploration (See attachment 2)

2-2: CONDITIONS OF CONTRACT, GENERAL CONDITIONS, AND SPECIFICATIONS: Table of Contents

- Add to Technical Specifications heading: “Latest FDOT Specifications Unless Otherwise Noted”

2-3: FDEP SUPPLEMENTARY CONDITIONS: Appendix I: Davis-Bacon Requirements (FDEP-34)

- Remove the existing Davis-Bacon Act tables and add the updated Davis-Bacon Act tables
 - FL126 – Miami Dade County Rates – Building (See attachment 3)
 - FL267 – Miami Dade County Rates – Heavy (See attachment 4)

REMINDER: Bidders must mark “Addendum No. 2” on the Addendum Conformance Form and sign and return the form with your Bid package. Failure to include signed Addendum Conformance Form may result in the disqualification of your Bid.

END OF ADDENDUM NO. 2 DATED JANUARY 4, 2012



Town of Medley –
Paving and Drainage *Improvements Flood
Mitigation Area*

Addendum No. 2

Attachment 1



June 23, 2008

Town of Medley
7331 N.W. 74th Street
Medley, Florida 33166

Attention: The Honorable Ramon Rodriguez
Reference: Percolation Tests and Asphalt Cores
Flood Mitigation Grant
Medley, Florida
Project No. 144891

Gentlemen:

Enclosed herewith please find Percolation Test Reports Nos. P-1 to P-92, performed at the above referenced project. The tests were performed in general accordance with the South Florida Water Management District - Usual Open Hole Test Procedures. Since Standard Penetration Tests (SPT) were also performed (Submitted under separate cover). The percolation test numbers correspond to the SPT test numbers.

Thirty three percolation tests and thirty one asphalt cores were scheduled for the project. This report is for the first twenty five percolation tests and twenty three asphalt cores performed to date. The Asphalt core report is attached to this letter.

The results of the tests and remarks regarding the tests procedure is shown on the enclosed reports. The hydraulic conductivities for the "Usual Open Hole" test at the requested locations are as follows:

TEST NUMBER	TEST DEPTH	HYDRAULIC CONDUCTIVITY (CFS/FT² - FT HEAD)
P-1	15 feet	$K = 6.74 \times 10^{-5}$
P-5	15 feet	$K = 6.54 \times 10^{-3}$
P-6	15 feet	$K = 1.75 \times 10^{-4}$
P-9	15 feet	$K = 3.28 \times 10^{-4}$
P-12	15 feet	$K = 1.95 \times 10^{-4}$
P-14	15 feet	$K = 7.50 \times 10^{-5}$
P-17	15 feet	$K = 4.04 \times 10^{-4}$
P-20	15 feet	$K = 8.57 \times 10^{-3}$
P-25	15 feet	$K = 2.63 \times 10^{-3}$
P-29	15 feet	$K = 2.44 \times 10^{-3}$
P-32	15 feet	$K = 7.88 \times 10^{-3}$
P-33	15 feet	$K = 2.70 \times 10^{-5}$
P-35	15 feet	$K = 2.25 \times 10^{-3}$

Bureau Veritas North America, Inc.

10125 NW 116th Way, Suite 18 <> Miami, Florida 33178 <> (305) 651-8483 <> Fax: (305) 651-4460

Offices Worldwide

P-38	15 feet	$K = 9.15 \times 10^{-4}$
P-41	15 feet	$K = 9.81 \times 10^{-3}$
P-44	15 feet	$K = 6.86 \times 10^{-3}$
P-49	15 feet	$K = 5.43 \times 10^{-3}$
P-51	15 feet	$K = 5.60 \times 10^{-3}$
P-56	15 feet	$K = 4.90 \times 10^{-3}$
P-58	15 feet	$K = 9.63 \times 10^{-3}$
P-61	15 feet	$K = 9.81 \times 10^{-3}$
P-66	15 feet	$K = 1.22 \times 10^{-3}$
P-76	15 feet	$K = 7.70 \times 10^{-5}$
P-91	15 feet	$K = 3.15 \times 10^{-4}$
P-92	15 feet	$K = 7.36 \times 10^{-3}$

Bureau Veritas appreciates the opportunity to provide our engineering services on this project. If you have any questions regarding these tests or if we may be of further assistance, please contact the undersigned.

Respectfully submitted,
BUREAU VERITAS NORTH AMERICA, INC.



Victor R. Lopez, E.I.
Project Engineer



Alfredo Budik, P.E.
Vice President
Florida License No. 43884

Distribution: 2 – Client
1 – Westhorp & Associates, Inc.

Enclosures: Percolation Test Reports Nos. P-1 to P-92 (25 Tests)
Asphalt Core Report (23 Tests)
Test Location Sketch



**BUREAU
VERITAS**

REPORT OF: ASPHALT CORE

PROJECT No.:144891

CLIENT: TOWN OF MEDLEY

REPORT No.: 1

PROJECT: FLOOD MITIGATION GRANT

DATE: 6/23/08

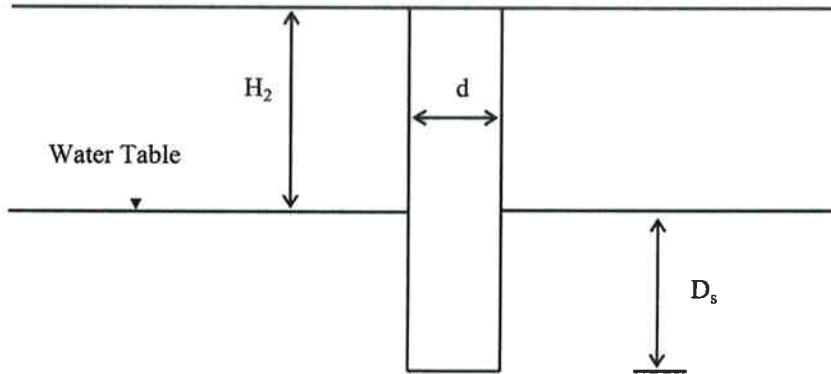
ADDRESS: NW 87th to 95th Ave. & 90th to 106th St., Medley, Florida

SUMMARY

BORING	ASPHALT (Inch.)	BASE (Inch.)	SUBBASE (Inch.)
P-1	1	8	39
P-5	1	6	35
P-6	1/2	8	39
P-9	1-1/4	6	17
P-12	1-1/8	6	40
P-14	1/2	6	48
P-17	1/2	8	39
P-20	1	12	48
P-25	1	10	37
P-29	1-1/2	11	36
P-32	3/4	7	40
P-33	1/2	6	41
P-35	1/2	6	29
P-38	3	5	28
P-41	1-1/4	7	16
P-44	1-1/2	10	13
P-49	3/4	8	39
P-51	2-3/4	8	13
P-56	3	8	37
P-58	5-3/4	7	35
P-61	3-1/4	10	34
P-66	0	0	48
P-76	1-1/2	8	39

Checked by: ky

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d(2H_2^2 + 4H_2D_s + H_2d)]$$

6.74E-05 CFS/FT²-FT HEAD

Q = Average Flow Rate =	0.006684 CFS
d = Diameter of Test Hole =	0.5 feet
H ₂ = Head on Water Table =	5.0 feet
D _s = Saturated Hole Depth =	10.0 feet

TEST LOCATION :	See attached sketch
TEST ELEVATION :	Not Furnished
DEPTH TO WATER TABLE :	5.0' Below Existing Grade
DEPTH OF TEST HOLE :	15.0' Below Existing Grade
AVERAGE FLOW RATE:	3.0 GPM

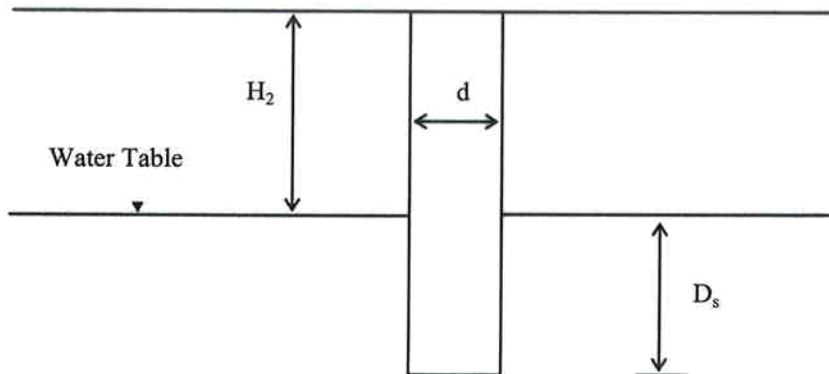
SOIL PROFILE :

- 0.0' - 4.0' Tan fine to medium grained sand with limestone fragments
- 4.0' - 15.0' Tan sandy limestone, some silt

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date 06/07/08	Project No. 144891	Test No. P-1	Tested By LG	Checked by:
 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460			Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida	

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

6.54E-03 CFS/FT²-FT HEAD

Q = Average Flow Rate =	0.116302 CFS
d = Diameter of Test Hole =	0.5 feet
H ₂ = Head on Water Table =	1.0 feet
D _s = Saturated Hole Depth =	10.7 feet

TEST LOCATION :	See attached sketch
TEST ELEVATION :	Not Furnished
DEPTH TO WATER TABLE :	4.3' Below Existing Grade
DEPTH OF TEST HOLE :	15.0' Below Existing Grade
AVERAGE FLOW RATE:	52.2 GPM

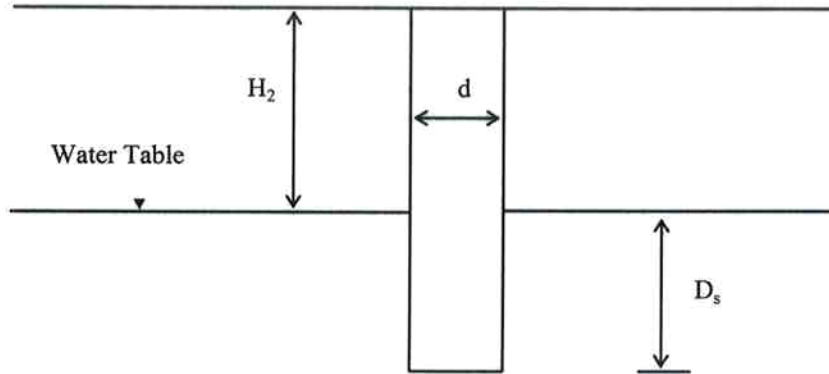
SOIL PROFILE :

0.0' - 3.5'	Tan fine to medium grained sand with limestone fragments
3.5' - 4.0'	Dark brown silty sand with organics
4.0' - 15.0'	Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.
Unable to raise water table to ground surface. K value calculated based on actual head on groundwater surface while performing this test.

PERCOLATION TEST	Test Date 06/09/08	Project No. 144891	Test No. P-5	Tested By LG	Checked by: 
 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460			Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida	

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

1.75E-04 CFS/FT²-FT HEAD

Q = Average Flow Rate =	0.020052 CFS
d = Diameter of Test Hole =	0.5 feet
H ₂ = Head on Water Table =	6.0 feet
D _s = Saturated Hole Depth =	9.0 feet

TEST LOCATION :	See attached sketch
TEST ELEVATION :	Not Furnished
DEPTH TO WATER TABLE :	6.0' Below Existing Grade
DEPTH OF TEST HOLE :	15.0' Below Existing Grade
AVERAGE FLOW RATE:	9.0 GPM

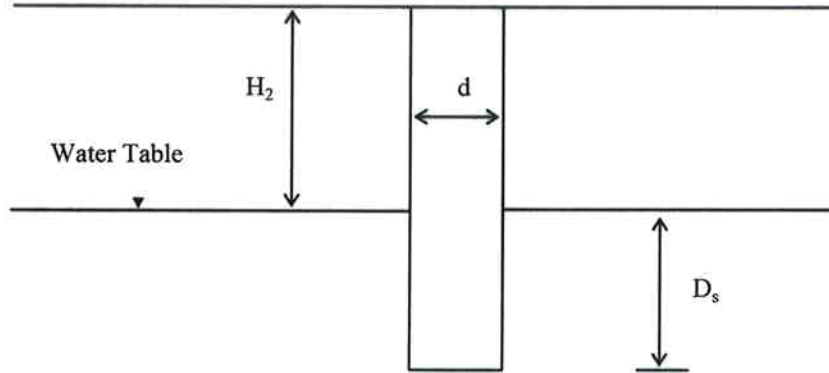
SOIL PROFILE :

- 0.0' - 4.0' Tan fine to medium grained sand with limestone fragments
- 4.0' - 15.0' Tan sandy limestone, some silt

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date 06/07/08	Project No. 144891	Test No. P-6	Tested By LG	Checked by:
 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460			Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida	

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

3.28E-04 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.032529 CFS

d = Diameter of Test Hole = 0.5 feet

H₂ = Head on Water Table = 5.0 feet

D_s = Saturated Hole Depth = 10.0 feet

TEST LOCATION :		See attached sketch
TEST ELEVATION :		Not Furnished
DEPTH TO WATER TABLE :	5.0'	Below Existing Grade
DEPTH OF TEST HOLE :	15.0'	Below Existing Grade
AVERAGE FLOW RATE:	14.6	GPM

SOIL PROFILE :

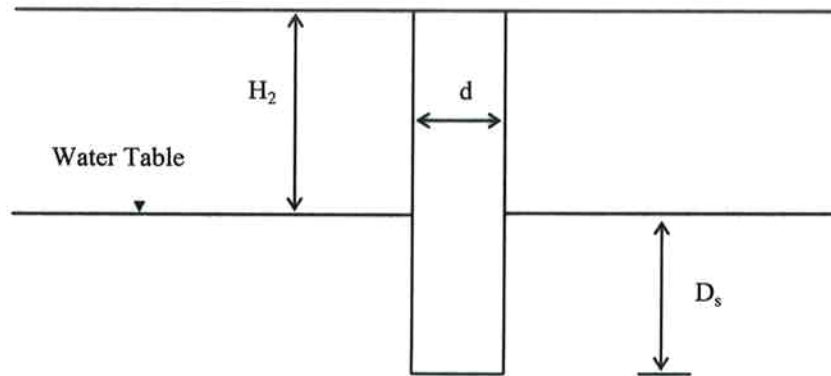
0.0' - 2.0'	Tan fine to medium grained sand with limestone fragments
2.0' - 4.0'	Brown silty sand
4.0' - 5.0'	Dark brown silty sand with Organics
5.0' - 15.0'	Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date 06/08/08	Project No. 144891	Test No. P-9	Tested By LG	Checked by: <i>As</i>
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 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460	Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida
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**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

1.95E-04 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.022280 CFS
 d = Diameter of Test Hole = 0.5 feet
 H₂ = Head on Water Table = 6.0 feet
 D_s = Saturated Hole Depth = 9.0 feet

TEST LOCATION : See attached sketch
 TEST ELEVATION : Not Furnished
 DEPTH TO WATER TABLE : 6.0' Below Existing Grade
 DEPTH OF TEST HOLE : 15.0' Below Existing Grade
 AVERAGE FLOW RATE: 10.0 GPM

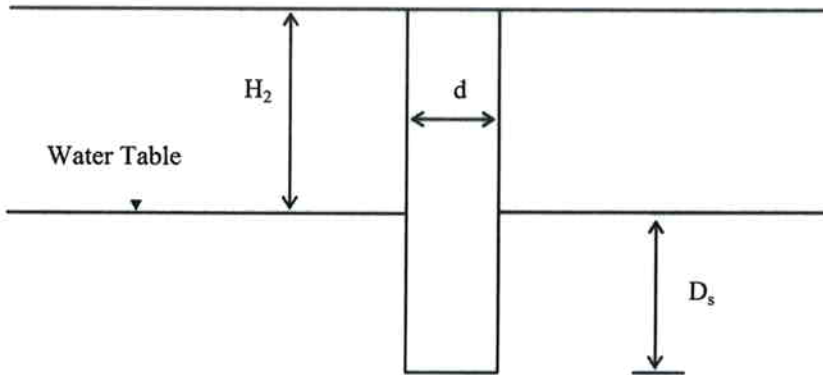
SOIL PROFILE :
 0.0' - 4.0' Tan fine to medium grained sand with limestone fragments
 4.0' - 6.0' Brown silty sand with Organics
 6.0' - 10.0' Brown fine grained sand
 10.0' - 15.0' Brown sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date 06/08/08	Project No. 144891	Test No. P-12	Tested By LG	Checked by:
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 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460	Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida
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**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

7.50E-05 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.008021 CFS

d = Diameter of Test Hole = 0.5 feet

H₂ = Head on Water Table = 5.5 feet

D_s = Saturated Hole Depth = 9.5 feet

TEST LOCATION :		See attached sketch
TEST ELEVATION :		Not Furnished
DEPTH TO WATER TABLE :	5.5'	Below Existing Grade
DEPTH OF TEST HOLE :	15.0'	Below Existing Grade
AVERAGE FLOW RATE:	3.6	GPM

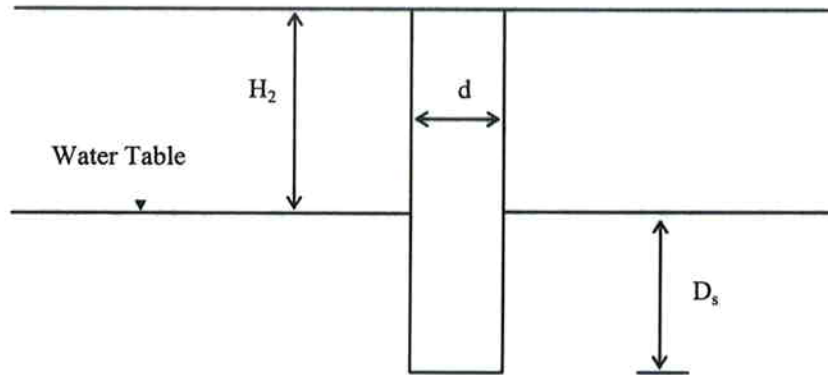
SOIL PROFILE :

0.0' - 6.0'	Tan fine to medium grained sand with limestone fragments
6.0' - 8.0'	Dark brown silty sand with Organics
8.0' - 10.0'	Brown sandy limestone
10.0' - 15.0'	Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date 06/08/08	Project No. 144891	Test No. P-14	Tested By LG	Checked by: <i>LG</i>
 BUREAU VERITAS BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460			Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida	

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d(2H_2^2 + 4H_2D_s + H_2d)]$$

4.04E-04 CFS/FT²-FT HEAD

Q = Average Flow Rate =	0.040104 CFS
d = Diameter of Test Hole =	0.5 feet
H ₂ = Head on Water Table =	5.0 feet
D _s = Saturated Hole Depth =	10.0 feet

TEST LOCATION :	See attached sketch
TEST ELEVATION :	Not Furnished
DEPTH TO WATER TABLE :	5.0' Below Existing Grade
DEPTH OF TEST HOLE :	15.0' Below Existing Grade
AVERAGE FLOW RATE:	18.0 GPM

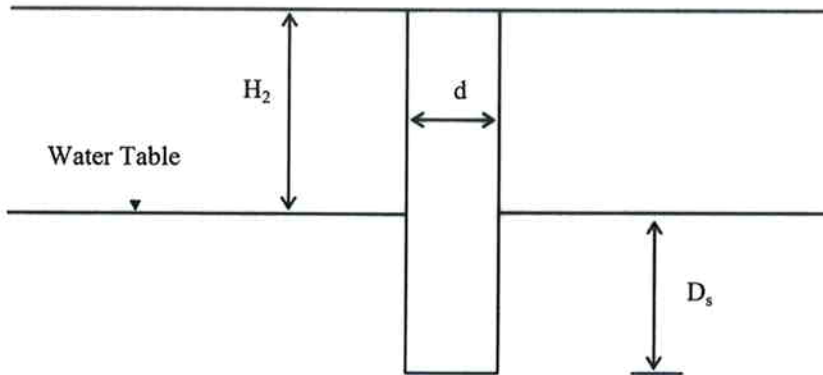
SOIL PROFILE :

0.0' - 4.0'	Tan fine to medium grained sand with limestone fragments
8.0' - 15.0'	Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date	Project No.	Test No.	Tested By	Checked by:
	06/08/08	144891	P-17	LG	
 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460			Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida	

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

8.57E-03 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.133681 CFS

d = Diameter of Test Hole = 0.5 feet

H₂ = Head on Water Table = 1.0 feet

D_s = Saturated Hole Depth = 9.3 feet

TEST LOCATION :		See attached sketch
TEST ELEVATION :		Not Furnished
DEPTH TO WATER TABLE :	5.7'	Below Existing Grade
DEPTH OF TEST HOLE :	15.0'	Below Existing Grade
AVERAGE FLOW RATE:	60.0	GPM

SOIL PROFILE :

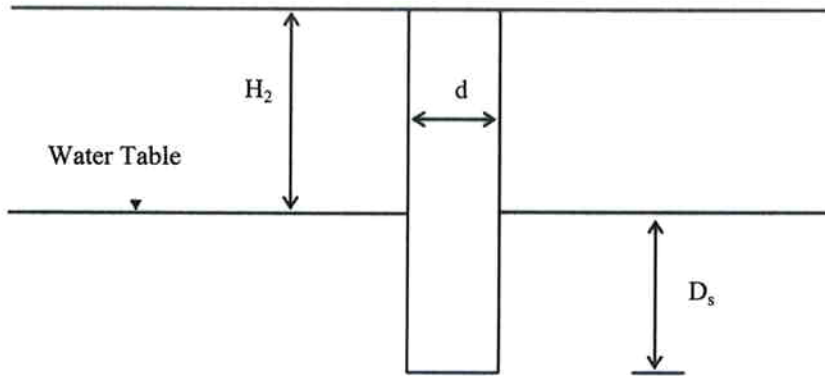
0.0' - 6.0'	Tan fine to medium grained sand with limestone fragments
6.0' - 8.0'	Brown silty sand, some limestone fragments
8.0' - 15.0'	Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.
Unable to raise water table to ground surface. K value calculated based on actual head on groundwater surface while performing this test.

PERCOLATION TEST	Test Date 06/09/08	Project No. 144891	Test No. P-20	Tested By LG	Checked by:
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 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460	Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida
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**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

2.63E-03 CFS/FT²-FT HEAD

Q = Average Flow Rate =	0.125326 CFS
d = Diameter of Test Hole =	0.5 feet
H ₂ = Head on Water Table =	3.0 feet
D _s = Saturated Hole Depth =	8.5 feet

TEST LOCATION :	See attached sketch
TEST ELEVATION :	Not Furnished
DEPTH TO WATER TABLE :	6.5' Below Existing Grade
DEPTH OF TEST HOLE :	15.0' Below Existing Grade
AVERAGE FLOW RATE:	56.3 GPM

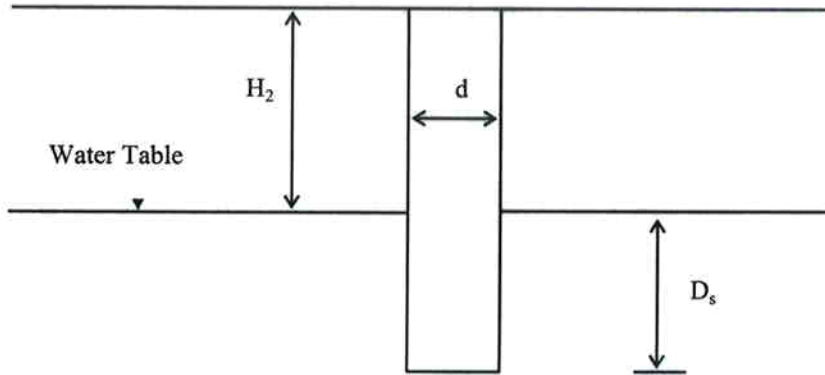
SOIL PROFILE :

0.0' - 4.0'	Tan fine to medium grained sand with limestone fragments
4.0' - 6.0'	Dark brown silty sand with organics
6.0' - 15.0'	Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.
Unable to raise water table to ground surface. K value calculated based on actual head on groundwater surface while performing this test.

PERCOLATION TEST	Test Date 06/09/08	Project No. 144891	Test No. P-25	Tested By LG	Checked by:
 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460			Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida	

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

2.44E-03 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.133681 CFS

d = Diameter of Test Hole = 0.5 feet

H₂ = Head on Water Table = 3.0 feet

D_s = Saturated Hole Depth = 10.0 feet

TEST LOCATION :	See attached sketch
TEST ELEVATION :	Not Furnished
DEPTH TO WATER TABLE :	5.0' Below Existing Grade
DEPTH OF TEST HOLE :	15.0' Below Existing Grade
AVERAGE FLOW RATE:	60.0 GPM

SOIL PROFILE :

0.0' - 4.0' Tan fine to medium grained sand with limestone fragments

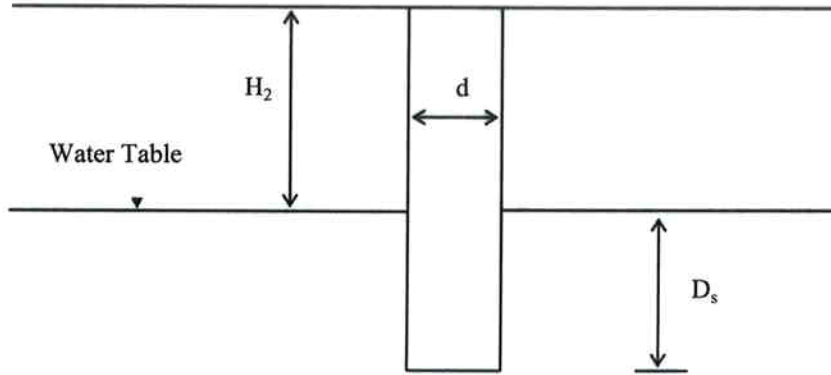
4.0' - 15.0' Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.
Unable to raise water table to ground surface. K value calculated based on actual head on groundwater surface while performing this test.

PERCOLATION TEST	Test Date 06/09/08	Project No. 144891	Test No. P-29	Tested By LG	Checked by: <i>AK</i>
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 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460	Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida
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**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d (2H_2^2 + 4H_2 D_s + H_2 d)]$$

7.88E-03 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.125326 CFS
 d = Diameter of Test Hole = 0.5 feet
 H₂ = Head on Water Table = 1.0 feet
 D_s = Saturated Hole Depth = 9.5 feet

TEST LOCATION : See attached sketch
 TEST ELEVATION : Not Furnished
 DEPTH TO WATER TABLE : 5.5' Below Existing Grade
 DEPTH OF TEST HOLE : 15.0' Below Existing Grade
 AVERAGE FLOW RATE: 56.3 GPM

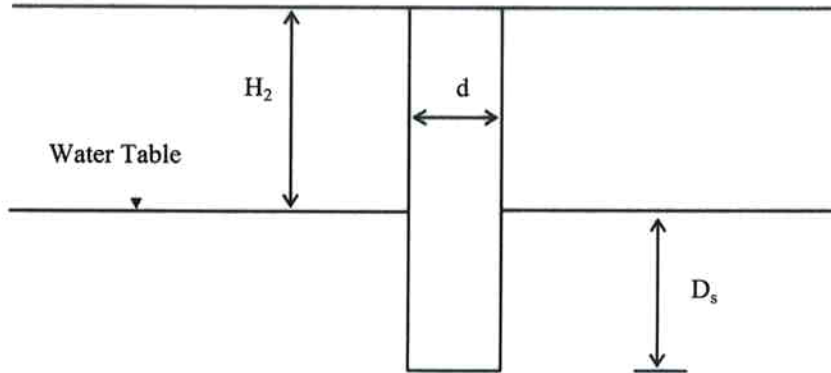
SOIL PROFILE :
 0.0' - 4.0' Tan fine to medium grained sand with limestone fragments
 4.0' - 6.0' Brown silty sand with limestone fragments
 6.0' - 15.0' Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.
 Unable to raise water table to ground surface. K value calculated based on actual head on groundwater surface while performing this test.

PERCOLATION TEST	Test Date 06/10/08	Project No. 144891	Test No. P-32	Tested By LG	Checked by:
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 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460	Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida
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**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "**



HYDRAULIC CONDUCTIVITY

$$K = \text{Hydraulic Conductivity} = 4Q / [\pi d(2H_2^2 + 4H_2D_s + H_2d)]$$

2.70E-05 CFS/FT²-FT HEAD

Q = Average Flow Rate = 0.002228 CFS
 d = Diameter of Test Hole = 0.5 feet
 H₂ = Head on Water Table = 4.0 feet
 D_s = Saturated Hole Depth = 11.0 feet

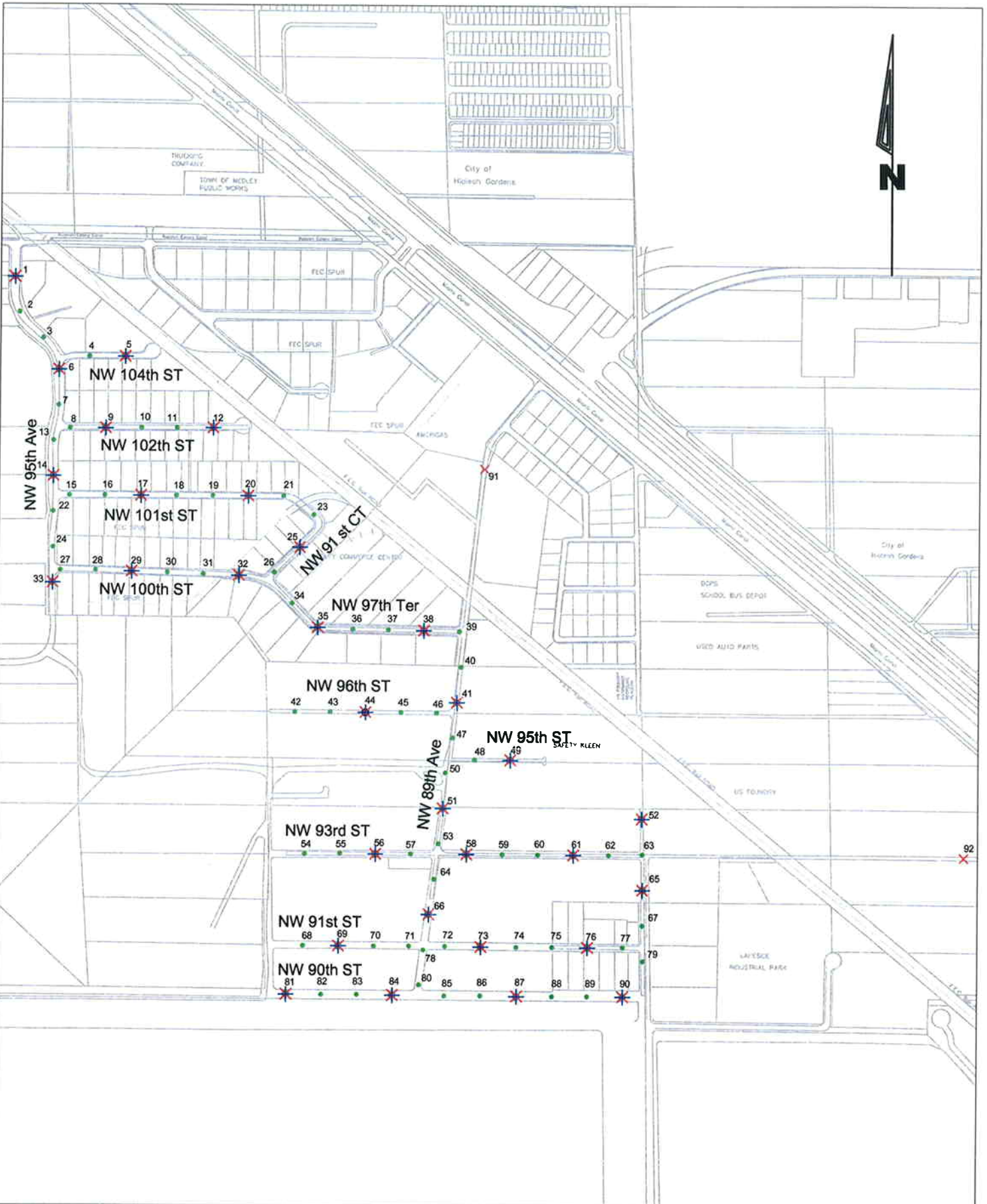
TEST LOCATION : See attached sketch
 TEST ELEVATION : Not Furnished
 DEPTH TO WATER TABLE : 4.0' Below Existing Grade
 DEPTH OF TEST HOLE : 15.0' Below Existing Grade
 AVERAGE FLOW RATE: 1.0 GPM


SOIL PROFILE :
 0.0' - 6.0' Tan fine to medium grained sand with limestone fragments
 6.0' - 15.0' Tan sandy limestone

NOTES: The soil profile is determined by auger cuttings & should not be relied upon as an accurate record of soil type or for transition zones.

PERCOLATION TEST	Test Date 06/21/08	Project No. 144891	Test No. P-33	Tested By LG	Checked by: <i>Ray</i>
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 BUREAU VERITAS	BUREAU VERITAS NORTH AMERICA, INC. Geotechnical, Environmental and Construction Materials Testing Engineers 10125 NW 116th Way, Medley, FL Telephone: (305) 651-8483 Facsimile: (305) 651-4460	Town of Medley Flood Mitigation Grant NW 87th to 95th Avenue & NW 90th to 106th Street Medley, Florida
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Date 06/23/08	BUREAU VERITAS NORTH AMERICA, INC	LEGEND ● SPT SAMPLE LOCATION ★ CORE SAMPLE/PERCOLATION TEST/SPT LOCATION X PERCOLATION TEST LOCATION	Not to scale Draw by VRL	
	FLOOD MITIGATION GRANT			



Town of Medley –
Paving and Drainage *Improvements Flood
Mitigation Area*

Addendum No. 2

Attachment 2



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-1

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/7/08 **COMPLETED** 6/7/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								20	40	60	80
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1-inch) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	37-30-24-27 (54)						
2.5		Tan SANDY LIMESTONE, some Silt	SS 2	63	30-21-18-43 (39)						
5.0	▼		SS 3	63	23-15-13-16 (28)						
7.5			SS 4	63	11-12-13-14 (25)						
10.0			SS 5	67	8-8-11-12 (19)						
12.5			SS 6	58	8-7-8-10 (15)						
			SS 7	58	7-8-8-9 (16)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-2

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/7/08 **COMPLETED** 6/7/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								20	40	60	80
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	75	33-33-25-29 (58)						
2.5			SS 2	67	28-31-21-34 (52)						
5.0		Tan SANDY LIMESTONE	SS 3	67	42-31-24-20 (55)						
7.5			SS 4	63	10-16-16-15 (32)						
10.0		Tan fine grained SAND	SS 5	58	6-7-10-13 (17)						
12.5			SS 6	58	6-11-11-10 (22)						
			SS 7	58	7-10-9-11 (19)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-3

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/7/08 **COMPLETED** 6/7/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.5 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.5 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								20	40	60	80
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	63	51-31-39-49 (70)						
2.5			SS 2	63	61-51-61-70 (112)						
5.0		Tan SANDY LIMESTONE	SS 3	58	25-51-33-100 (84)						
7.5			SS 4	54	30-29-28-22 (57)						
10.0			SS 5	50	20-21-22-22 (43)						
12.5		Brown fine grained SAND	SS 6	50	18-17-17-15 (34)						
			SS 7	50	10-9-10-9 (19)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-4

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/4/08 **COMPLETED** 6/4/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 4.7 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 4.7 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	83	27-23-17-12 (40)						
2.5		Tan SANDY LIMESTONE	SS 2	92	10-11-16-21 (27)						
5.0			SS 3	83	15-17-9-11 (26)						
7.5			SS 4	92	7-7-5-6 (12)						
10.0			SS 5	92	4-5-4-5 (9)						
12.5			SS 6	92	6-7-8-7 (15)						
			SS 7	83	12-10-10-12 (20)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-5

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/9/08 **COMPLETED** 6/9/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 4.3 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 4.3 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (1-inch)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	92	43-35-17-13 (52)						
2.5	Dark brown SILTY SAND with Organics		SS 2	92	13-15-23-28 (38)						
5.0	▼ Tan SANDY LIMESTONE		SS 3	83	20-20-16-14 (36)						
7.5			SS 4	92	12-8-8-8 (16)						
10.0			SS 5	83	7-10-8-15 (18)						
12.5			SS 6	92	10-8-8-7 (16)						
			SS 7	92	5-5-5-4 (10)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-6

CLIENT <u>Town of Medley</u>	PROJECT NAME <u>FLOOD MITIGATION GRANT</u>
PROJECT NUMBER <u>21008-144890</u>	PROJECT LOCATION <u>NW 87th to 95th Ave & 90th to 106th St, Medley, FL</u>
DATE STARTED <u>6/7/08</u> COMPLETED <u>6/7/08</u>	GROUND ELEVATION <u>Not furnished</u> HOLE SIZE <u>2 7/8-inch</u>
DRILLING CONTRACTOR <u>Bureau Veritas NA</u>	GROUND WATER LEVELS:
DRILLING METHOD _____	▽ AT TIME OF DRILLING <u>6.0 ft</u>
LOGGED BY <u>LG</u> CHECKED BY <u>V. Lopez</u>	▼ AT END OF DRILLING <u>6.0 ft</u>
NOTES <u>Drill Equipment= D-50</u>	AFTER DRILLING <u>---</u>

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲				
								20	40	60	80	
								PL	MC	LL		
								□ FINES CONTENT (%) □				
								20	40	60	80	
0.0		Asphalt (0.5-inches)										
		Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	34-27-32-52 (59)							
2.5			SS 2	67	33-23-61-52 (84)							
		Tan SANDY LIMESTONE										
5.0			SS 3	63	37-32-30-31 (62)							
7.5			SS 4	54	19-17-14-9 (31)							
10.0			SS 5	50	9-8-7-6 (15)							
12.5			SS 6	50	6-5-4-4 (9)							
			SS 7	50	4-5-4-4 (9)							
		Bottom of hole at 14.0 feet.										

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-7

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/7/08 **COMPLETED** 6/7/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	63	51-16-12-10 (28)						
2.5			SS 2	67	14-26-33-20 (59)						
5.0		Dark brown SILTY SAND with Organics	SS 3	58	4-2-2-3 (4)						
7.5		Dark brown SILTY SAND with traces of Organic stain	SS 4	50	1-1-1-13 (2)						
10.0		Tan SANDY LIMESTONE	SS 5	54	14-12-9-8 (21)						
12.5		Tan fine grained SAND	SS 6	50	8-9-14-15 (23)						
		Tan SANDY LIMESTONE	SS 7	50	10-12-13-14 (25)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-8

CLIENT Town of Medley
PROJECT NUMBER 21008-144890
DATE STARTED 6/4/08 **COMPLETED** 6/4/08
DRILLING CONTRACTOR Bureau Veritas NA
DRILLING METHOD _____
LOGGED BY JR **CHECKED BY** V. Lopez
NOTES Drill Equipment= B-57

PROJECT NAME FLOOD MITIGATION GRANT
PROJECT LOCATION NW 87th to 95th Ave & 90th to 106th St, Medley, FL
GROUND ELEVATION Not furnished **HOLE SIZE** 2 7/8-inch
GROUND WATER LEVELS:
 ▽ **AT TIME OF DRILLING** 4.8 ft
 ▼ **AT END OF DRILLING** 4.8 ft
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)										
	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS, some SILT		SS 1	83	20-25-25-17 (50)						
2.5			SS 2	92	12-15-7-7 (22)						
	Light brown SILTY SAND										
5.0	▼	Dark brown SILTY SAND with Organics	SS 3	100	4-1-1-1 (2)						
		Brown SILTY SAND	SS 4	100	2-4-3-2 (7)						
7.5		Tan SANDY LIMESTONE	SS 5	83	3-4-4-5 (8)						
10.0			SS 6	83	6-7-8-7 (15)						
12.5			SS 7	92	8-10-9-10 (19)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-9

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/8/08 **COMPLETED** 6/8/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1.25-inches) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	51-23-24-52 (47)						
2.5		Brown SILTY SAND	SS 2	54	22-16-15-10 (31)						
5.0		Dark brown SILTY SAND with Organics									
5.0		Tan SANDY LIMESTONE	SS 3	58	5-5-7-8 (12)						
7.5		Brown SILTY SAND	SS 4	54	4-5-5-5 (10)						
10.0		Tan SANDY LIMESTONE	SS 5	50	4-1-2-16 (3)						
12.5		Tan SANDY LIMESTONE	SS 6	50	9-9-5-4 (14)						
			SS 7	50	4-4-5-4 (9)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-10

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/4/08 **COMPLETED** 6/4/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	83	18-16-18-12 (34)						
2.5		Dark brown SILTY SAND, some Limestone Fragments	SS 2	92	4-4-4-4 (8)						
5.0		Dark brown SILTY SAND with Organics									
5.0		Tan SANDY LIMESTONE	SS 3	96	2-2-4-10 (6)						
7.5			SS 4	83	11-10-11-15 (21)						
10.0			SS 5	83	8-10-10-10 (20)						
12.5			SS 6	83	12-14-12-10 (26)						
			SS 7	83	14-18-13-10 (31)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-11

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/4/08 **COMPLETED** 6/4/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 4.7 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 4.7 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	83	20-18-10-13 (28)						
2.5		Dark brown SILTY SAND with Organics	SS 2	92	9-4-2-2 (6)						
5.0		Tan SANDY LIMESTONE	SS 3	100	5-15-15-14 (30)						
7.5			SS 4	96	13-13-15-15 (28)						
10.0			SS 5	96	11-8-8-8 (16)						
12.5			SS 6	83	12-13-18-12 (31)						
			SS 7	83	10-11-13-10 (24)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-12

CLIENT <u>Town of Medley</u>	PROJECT NAME <u>FLOOD MITIGATION GRANT</u>
PROJECT NUMBER <u>21008-144890</u>	PROJECT LOCATION <u>NW 87th to 95th Ave & 90th to 106th St, Medley, FL</u>
DATE STARTED <u>6/8/08</u> COMPLETED <u>6/8/08</u>	GROUND ELEVATION <u>Not furnished</u> HOLE SIZE <u>2 7/8-inch</u>
DRILLING CONTRACTOR <u>Bureau Veritas NA</u>	GROUND WATER LEVELS:
DRILLING METHOD _____	▽ AT TIME OF DRILLING <u>6.0 ft</u>
LOGGED BY <u>LG</u> CHECKED BY <u>V. Lopez</u>	▼ AT END OF DRILLING <u>6.0 ft</u>
NOTES <u>Drill Equipment= D-50</u>	AFTER DRILLING <u>---</u>

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1.12-inches) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	36-17-11-12 (28)						
2.5			SS 2	63	9-11-11-8 (22)						
5.0		Brown SILTY SAND with Organics	SS 3	63	4-1-2-7 (3)						
7.5		Brown fine grained SAND	SS 4	58	7-6-6-6 (12)						
10.0			SS 5	54	7-9-19-24 (28)						
12.5		Brown SANDY LIMESTONE, some silt	SS 6	50	18-16-15-15 (31)						
			SS 7	50	10-11-11-10 (22)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



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BORING NUMBER B-13

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/8/08 **COMPLETED** 6/8/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.5 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.5 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (2-inches) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	51-32-31-20 (63)						
2.5		Dark brown SILTY SAND with Organics	SS 2	58	14-14-15-21 (29)						
5.0		Brown SILTY SAND with LIMESTONE FRAGMENTS	SS 3	67	5-4-2-3 (6)						
7.5		Brown SANDY LIMESTONE	SS 4	58	4-8-13-14 (21)						
10.0			SS 5	50	6-4-4-7 (8)						
12.5			SS 6	50	8-6-4-3 (10)						
			SS 7	50	4-4-3-4 (7)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-14

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/8/08 **COMPLETED** 6/8/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.5 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.5 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								20	40	60	80
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (0.5-inches) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	40-26-20-23 (46)						
2.5			SS 2	63	30-17-14-20 (31)						
5.0			SS 3	58	19-20-15-10 (35)						
7.5		Dark brown SILTY SAND with Organics	SS 4	50	8-7-4-4 (11)						
		Brown SANDY LIMESTONE	SS 5	50	8-8-6-7 (14)						
10.0		Tan SANDY LIMESTONE	SS 6	50	11-10-12-12 (22)						
12.5			SS 7	50	10-10-11-11 (21)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-15

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/4/08 **COMPLETED** 6/4/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 4.7 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 4.7 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	92	27-17-8-8 (25)						
2.5		Light brown SILTY SAND	SS 2	75	4-2-1-1 (3)						
5.0		Light brown SANDY LIMESTONE, some SILT	SS 3	25	0-1-1-1 (2)						
7.5		Tan SANDY LIMESTONE	SS 4	25	1-0-0-1 (0)						
10.0			SS 5	75	2-6-6-6 (12)						
12.5			SS 6	67	4-8-3-6 (11)						
			SS 7	75	5-10-8-6 (18)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-16

CLIENT <u>Town of Medley</u>	PROJECT NAME <u>FLOOD MITIGATION GRANT</u>
PROJECT NUMBER <u>21008-144890</u>	PROJECT LOCATION <u>NW 87th to 95th Ave & 90th to 106th St, Medley, FL</u>
DATE STARTED <u>6/4/08</u> COMPLETED <u>6/4/08</u>	GROUND ELEVATION <u>Not furnished</u> HOLE SIZE <u>2 7/8-inch</u>
DRILLING CONTRACTOR <u>Bureau Veritas NA</u>	GROUND WATER LEVELS:
DRILLING METHOD _____	▽ AT TIME OF DRILLING <u>5.0 ft</u>
LOGGED BY <u>JR</u> CHECKED BY <u>V. Lopez</u>	▼ AT END OF DRILLING <u>5.0 ft</u>
NOTES <u>Drill Equipment= B-57</u>	AFTER DRILLING <u>---</u>

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)	Light brown fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	22-15-14-9 (29)						
2.5	Brown SILTY SAND		SS 2	100	6-4-4-12 (8)						
5.0	Tan SANDY LIMESTONE		SS 3	100	12-8-9-18 (17)						
7.5			SS 4	96	15-18-10-13 (28)						
10.0			SS 5	92	5-9-9-7 (18)						
12.5			SS 6	92	10-13-12-11 (25)						
			SS 7	83	10-12-11-9 (23)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-17

CLIENT <u>Town of Medley</u>	PROJECT NAME <u>FLOOD MITIGATION GRANT</u>
PROJECT NUMBER <u>21008-144890</u>	PROJECT LOCATION <u>NW 87th to 95th Ave & 90th to 106th St, Medley, FL</u>
DATE STARTED <u>6/8/08</u> COMPLETED <u>6/8/08</u>	GROUND ELEVATION <u>Not furnished</u> HOLE SIZE <u>2 7/8-inch</u>
DRILLING CONTRACTOR <u>Bureau Veritas NA</u>	GROUND WATER LEVELS:
DRILLING METHOD _____	▽ AT TIME OF DRILLING <u>5.0 ft</u>
LOGGED BY <u>LG</u> CHECKED BY <u>V. Lopez</u>	▼ AT END OF DRILLING <u>5.0 ft</u>
NOTES <u>Drill Equipment= D-50</u>	AFTER DRILLING <u>---</u>

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (0.5-inches) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	63	37-26-40-50 (66)						
2.5			SS 2	63	50-40-31-19 (71)						
5.0		Tan SANDY LIMESTONE	SS 3	54	23-16-20-20 (36)						
7.5			SS 4	58	18-17-16-16 (33)						
10.0			SS 5	50	12-5-6-8 (11)						
12.5			SS 6	50	7-5-6-5 (11)						
			SS 7	50	5-5-6-5 (11)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-18

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/4/08 **COMPLETED** 6/4/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	92	30-45-20-13 (65)						
2.5			SS 2	96	13-17-17-16 (34)						
5.0		Dark brown SILTY SAND	SS 3	96	15-9-5-2 (14)						
7.5		Tan SANDY LIMESTONE	SS 4	96	2-5-13-15 (18)						
10.0			SS 5	92	10-9-7-6 (16)						
12.5			SS 6	92	13-10-9-8 (19)						
			SS 7	83	12-12-14-10 (26)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-19

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/4/08 **COMPLETED** 6/4/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	20-27-17-4 (44)						
2.5		Brown fine to medium grained SAND	SS 2	92	3-2-7-13 (9)						
5.0		Tan SANDY LIMESTONE	SS 3	100	68-78-32-28 (110)						
7.5			SS 4	100	22-19-16-16 (35)						
10.0			SS 5	100	8-14-14-14 (28)						
12.5			SS 6	92	15-16-12-10 (28)						
			SS 7	92	18-18-17-12 (35)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



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BORING NUMBER B-20

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/9/08 **COMPLETED** 6/9/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.7 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.7 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1-inch) Light brown fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	25-25-35-75 (60)						
2.5			SS 2	100	98-50/1"						
5.0			SS 3	42	6-8-14-14 (22)						
7.5		Brown SILTY SAND, some Limestone fragments	SS 4	42	12-10-12-12 (22)						
10.0		Tan SANDY LIMESTONE	SS 5	42	15-19-25-27 (44)						
12.5			SS 6	50	18-10-7-8 (17)						
			SS 7	50	10-11-11-10 (22)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-21

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/5/08 **COMPLETED** 6/5/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	16-17-9-7 (26)						
2.5			SS 2	92	5-5-9-18 (14)						
5.0	▼		SS 3	83	38-19-10-19 (29)						
		Dark brown SILTY SAND									
		Tan SANDY LIMESTONE	SS 4	83	5-10-11-19 (21)						
7.5			SS 5	92	15-15-12-13 (27)						
10.0			SS 6	92	11-8-11-8 (19)						
12.5			SS 7	96	6-8-8-8 (16)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-22

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/20/08 **COMPLETED** 6/20/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 6.5 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 6.5 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								20	40	60	80
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1-inch) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	71	42-25-22-12 (47)						
2.5			SS 2	83	7-4-4-9 (8)						
5.0		Brown SILTY SAND with LIMESTONE FRAGMENTS	SS 3	71	9-6-9-9 (15)						
7.5		Tan SANDY LIMESTONE	SS 4	54	15-14-12-13 (26)						
10.0			SS 5	42	12-17-8-9 (25)						
12.5			SS 6	50	6-11-8-11 (19)						
			SS 7	46	13-5-9-8 (14)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-23

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/5/08 **COMPLETED** 6/5/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	92	30-22-30-15 (52)						
2.5			SS 2	92	11-15-23-13 (38)						
5.0		Dark brown SILTY SAND	SS 3	96	12-11-8-6 (19)						
		Brown SILTY SAND									
7.5		Tan SANDY LIMESTONE	SS 4	88	6-3-1-11 (4)						
			SS 5	92	9-14-8-12 (22)						
10.0			SS 6	83	8-7-5-5 (12)						
12.5			SS 7	75	5-7-7-8 (14)						
		Bottom of hole at 14.0 feet.									

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BORING NUMBER B-24

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/10/08 **COMPLETED** 6/10/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 6.5 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 6.5 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)										
0.0 - 2.5	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS		SS 1	67	41-22-24-19 (46)						
2.5 - 5.0	Gray fine to medium grained SAND with LIMESTONE FRAGMENTS		SS 2	58	26-26-21-9 (47)						
5.0 - 6.5	Dark brown SILTY SAND with Organics		SS 3	58	3-2-4-5 (6)						
6.5 - 7.5	Tan SANDY LIMESTONE		SS 4	100	100/2"						
7.5 - 9.5			SS 5	42	11-11-10-13 (21)						
9.5 - 11.5			SS 6	38	12-13-12-14 (25)						
11.5 - 13.5			SS 7	38	11-12-13-15 (25)						
13.5 - 14.0	Bottom of hole at 14.0 feet.										

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



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 Fax: 786-248-3190

BORING NUMBER B-25

CLIENT <u>Town of Medley</u>	PROJECT NAME <u>FLOOD MITIGATION GRANT</u>
PROJECT NUMBER <u>21008-144890</u>	PROJECT LOCATION <u>NW 87th to 95th Ave & 90th to 106th St, Medley, FL</u>
DATE STARTED <u>6/9/08</u> COMPLETED <u>6/9/08</u>	GROUND ELEVATION <u>Not furnished</u> HOLE SIZE <u>2 7/8-inch</u>
DRILLING CONTRACTOR <u>Bureau Veritas NA</u>	GROUND WATER LEVELS:
DRILLING METHOD _____	▽ AT TIME OF DRILLING <u>6.5 ft</u>
LOGGED BY <u>LG</u> CHECKED BY <u>V. Lopez</u>	▼ AT END OF DRILLING <u>6.5 ft</u>
NOTES <u>Drill Equipment= D-50</u>	AFTER DRILLING <u>---</u>

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (1-inch)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	58	49-31-30-18 (61)						
2.5		Light brown fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 2	50	41-31-32-22 (63)						
5.0		Dark brown SILTY SAND with Organics	SS 3	58	8-9-14-16 (23)						
7.5		Tan SANDY LIMESTONE	SS 4	67	6-6-17-28 (23)						
10.0			SS 5	75	31-30-24-23 (54)						
12.5			SS 6	71	14-12-10-10 (22)						
			SS 7	67	10-10-12-10 (22)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-26

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/5/08 **COMPLETED** 6/5/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	28-28-18-18 (46)						
2.5		Dark brown SILTY SAND with Organics	SS 2	83	18-22-11-8 (33)						
		Tan SANDY LIMESTONE	SS 3	83	14-20-11-12 (31)						
5.0			SS 4	75	13-10-11-8 (21)						
7.5			SS 5	75	7-6-8-9 (14)						
10.0			SS 6	71	10-9-7-6 (16)						
12.5			SS 7	83	11-8-9-10 (17)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-27

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/10/08 **COMPLETED** 6/10/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								20	40	60	80
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2-inches)										
0.0 - 2.5	Tan fine to medium SAND with LIMESTONE FRAGMENTS		SS 1	67	57-26-27-37 (53)						
2.5 - 5.0	Brown SANDY LIMESTONE		SS 2	67	17-9-8-7 (17)						
5.0 - 7.5	Tan SANDY LIMESTONE		SS 3	63	9-11-4-16 (15)						
7.5 - 10.0			SS 4	54	24-16-16-23 (32)						
10.0 - 12.5			SS 5	58	12-13-13-12 (26)						
12.5 - 14.0			SS 6	50	10-7-4-24 (11)						
14.0		Bottom of hole at 14.0 feet.	SS 7	50	12-15-14-14 (29)						

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-28

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/5/08 **COMPLETED** 6/5/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 4.7 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 4.7 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	27-30-20-28 (50)						
2.5			SS 2	96	22-14-14-11 (28)						
5.0		Tan SANDY LIMESTONE	SS 3	92	5-3-8-11 (11)						
7.5			SS 4	92	7-7-6-7 (13)						
10.0			SS 5	67	3-5-3-6 (8)						
12.5			SS 6	75	8-10-11-36 (21)						
12.5		Bottom of hole at 12.5 feet.	SS 7	100	50/5"						>>

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-29

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/9/08 **COMPLETED** 6/9/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1.5-inches)									
		Light brown fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	83	62-33-46-16 (79)						
2.5		Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 2	92	12-28-17-14 (45)						
5.0	▼	Tan SANDY LIMESTONE	SS 3	75	6-7-7-6 (14)						
7.5			SS 4	71	8-10-7-8 (17)						
10.0			SS 5	75	5-5-5-6 (10)						
12.5			SS 6	71	5-3-4-4 (7)						
			SS 7	42	4-10-15-18 (25)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-30

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/5/08 **COMPLETED** 6/5/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▽ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (2-inches)									
		Tan fine grained SAND with LIMESTONE FRAGMENTS									
		Brown SILTY SAND with LIMESTONE FRAGMENTS	SS 1	100	18-15-19-22 (34)						
2.5		Gray fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 2	100	28-35-28-52 (63)						
		Brown SILTY SAND									
5.0			SS 3	96	6-5-6-7 (11)						
		Light brown fine grained SAND									
7.5		Tan SANDY LIMESTONE	SS 4	96	1-1-10-10 (11)						
			SS 5	92	10-9-7-5 (16)						
10.0			SS 6	96	5-6-5-4 (11)						
12.5			SS 7	83	6-6-7-4 (13)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-31

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/5/08 **COMPLETED** 6/5/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.0 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.0 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0	Asphalt (2.5-inches)	Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	96	30-20-20-18 (40)						
2.5		Brown SILTY SAND with LIMESTONE FRAGMENTS	SS 2	92	10-4-3-4 (7)						
5.0	▼	Tan SANDY LIMESTONE	SS 3	83	3-3-2-15 (5)						
7.5			SS 4	83	5-12-17-15 (29)						
10.0			SS 5	75	14-14-14-14 (28)						
12.5			SS 6	83	17-14-12-8 (26)						
			SS 7	75	9-9-11-7 (20)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-32

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/10/08 **COMPLETED** 6/10/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 5.5 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 5.5 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (0.75-inches) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	30-17-16-12 (33)						
2.5		Brown SILTY SAND with LIMESTONE FRAGMENTS	SS 2	58	7-11-8-7 (19)						
5.0		Tan SANDY LIMESTONE	SS 3	58	14-15-9-14 (24)						
7.5			SS 4	54	14-16-18-19 (34)						
10.0			SS 5	54	26-15-22-19 (37)						
12.5			SS 6	50	14-13-13-11 (26)						
			SS 7	50	11-12-13-10 (25)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-33

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/20/08 **COMPLETED** 6/20/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 4.0 ft

LOGGED BY LG **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 4.0 ft

NOTES Drill Equipment= D-50 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (0.5-inch) Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	67	30-27-15-20 (42)						
2.5		Gray fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 2	78	12-12-27-50/5"						
5.0		Tan SANDY LIMESTONE	SS 3	63	32-29-32-20 (61)						
7.5			SS 4	63	17-10-20-42 (30)						
10.0			SS 5	50	28-5-8-40 (13)						
12.5			SS 6	46	10-10-5-4 (15)						
			SS 7	50	10-5-4-8 (9)						
		Bottom of hole at 14.0 feet.									

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



BUREAU VERITAS NORTH AMERICA, INC.
 308 N.W. 170 Street
 North Miami Beach
 Telephone: 786-248-3180
 Fax: 786-248-3190

BORING NUMBER B-34

CLIENT Town of Medley **PROJECT NAME** FLOOD MITIGATION GRANT

PROJECT NUMBER 21008-144890 **PROJECT LOCATION** NW 87th to 95th Ave & 90th to 106th St, Medley, FL

DATE STARTED 6/20/08 **COMPLETED** 6/20/08 **GROUND ELEVATION** Not furnished **HOLE SIZE** 2 7/8-inch

DRILLING CONTRACTOR Bureau Veritas NA **GROUND WATER LEVELS:**

DRILLING METHOD _____ **▽ AT TIME OF DRILLING** 6.5 ft

LOGGED BY JR **CHECKED BY** V. Lopez **▼ AT END OF DRILLING** 6.5 ft

NOTES Drill Equipment= B-57 **AFTER DRILLING** ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								PL	MC	LL	
								□ FINES CONTENT (%) □			
								20	40	60	80
0.0		Asphalt (1.5-inches)									
0.0 - 2.5		Tan fine to medium grained SAND with LIMESTONE FRAGMENTS	SS 1	50	24-9-16-12 (25)						
2.5 - 5.0		Brown SILTY SAND with LIMESTONE FRAGMENTS	SS 2	54	10-18-9-13 (27)						
5.0 - 7.5		Tan SANDY LIMESTONE	SS 3	42	14-8-9-11 (17)						
7.5 - 10.0		Tan SANDY LIMESTONE	SS 4	58	8-12-8-9 (20)						
10.0 - 12.5		Tan SANDY LIMESTONE	SS 5	46	12-12-11-13 (23)						
12.5 - 14.0		Tan SANDY LIMESTONE	SS 6	54	10-11-11-14 (22)						
14.0		Bottom of hole at 14.0 feet.	SS 7	50	6-9-9-13 (18)						

GEOTECH BH PLOTS TOWN OF MEDLEY.GPJ GINT US LAB.GDT 6/24/08



Town of Medley –
Paving and Drainage *Improvements Flood
Mitigation Area*

Addendum No. 2

Attachment 3

General Decision Number: FL100126 11/18/2011 FL126

Superseded General Decision Number: FL20080126

State: Florida

Construction Type: Building

County: Miami-Dade County in Florida.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	03/12/2010
1	03/26/2010
2	04/23/2010
3	10/29/2010
4	07/22/2011
5	09/16/2011
6	11/18/2011

CARP0079-001 04/01/2009

	Rates	Fringes
CARPENTER (Form Work Only).....	\$ 22.20	6.67

* ELEC0349-001 09/05/2011

	Rates	Fringes
ELECTRICIAN, Including HVAC Temperature Control Installation		
Electrical contracts including materials that are over \$2,000,000.....	\$ 30.11	8.96
Electrical contracts including materials that are under \$2,000,000.....	\$ 27.15	8.64

ELEV0071-001 01/01/2011

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 37.69	21.985+a

FOOTNOTE:

A: Employer contributes 8% basic hourly rate for 5 years or more of service or 6% basic hourly rate for 6 months to 5 years of service as Vacation Pay Credit; Paid Holidays: New Year's Day; Memorial Day; Independence Day; Thanksgiving Day; Christmas Day, plus the Friday after

Thanksgiving.

ENGI0487-001 01/01/2010

	Rates	Fringes
OPERATOR: Backhoe/Excavator.....	\$ 21.00	8.75
OPERATOR: Concrete Pump Trailer Mounted.....	\$ 20.44	8.75
Truck Mounted.....	\$ 26.21	8.75
OPERATOR: Crane All Cranes Over 15 Ton Capacity; Boom Truck.....	\$ 28.05	8.75
Yard Crane, Hydraulic Crane, Ccapacity 15 Ton and Under; Boom Truck.....	\$ 21.00	8.75
OPERATOR: Mechanic.....	\$ 21.00	8.75
OPERATOR: Oiler.....	\$ 20.00	8.75

IRON0272-003 10/01/2006

	Rates	Fringes
IRONWORKER, ORNAMENTAL, REINFORCING AND STRUCTURAL.....	\$ 26.70	6.43

PAIN0365-003 08/01/2010

	Rates	Fringes
PAINTER: Steel, Spray and Roller,Excluding Drywall Finishing/Taping.....	\$ 16.00	6.20

SFFL0821-001 07/01/2011

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 25.20	15.90

SHEE0032-003 01/01/2009

	Rates	Fringes
SHEETMETAL WORKER (HVAC Duct Installation Only).....	\$ 24.42	11.36

SUFL2009-023 05/22/2009

	Rates	Fringes
BRICKLAYER.....	\$ 18.93	0.00
CARPENTER, Includes Acoustical Ceiling Installation (Excludes		

Drywall Hanging, and Form Work).....	\$ 15.54	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 11.13	0.00
DRYWALL HANGER.....	\$ 14.00	0.57
FENCE ERECTOR.....	\$ 10.00	0.00
FLOOR LAYER: Carpet.....	\$ 19.00	2.10
GLAZIER.....	\$ 16.89	2.69
HVAC MECHANIC (HVAC Pipe Installation Only).....	\$ 16.19	2.48
HVAC MECHANIC (HVAC System Installation Only).....	\$ 17.91	2.64
INSTALLER - OVERHEAD DOOR.....	\$ 14.40	0.00
LABORER: Asphalt Raker.....	\$ 10.40	0.00
LABORER: Asphalt Shoveler.....	\$ 7.88	0.00
LABORER: Common or General.....	\$ 9.85	0.00
LABORER: Concrete Saw.....	\$ 12.63	0.00
LABORER: Mason Tender - Brick...	\$ 10.75	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.83	1.90
LABORER: Pipelayer.....	\$ 13.87	1.58
LABORER: Roof Tearoff.....	\$ 8.44	0.00
LABORER: Landscape and Irrigation.....	\$ 10.00	1.60
MECHANICAL INSULATOR, Including Duct and Pipe.....	\$ 13.98	2.07
OPERATOR: Asphalt Spreader.....	\$ 11.41	0.00
OPERATOR: Bulldozer.....	\$ 16.21	0.00
OPERATOR: Distributor.....	\$ 12.37	0.00
OPERATOR: Forklift.....	\$ 14.00	0.00
OPERATOR: Grader (Blade).....	\$ 13.73	0.00
OPERATOR: Loader.....	\$ 16.00	2.82
OPERATOR: Paver.....	\$ 12.75	0.00

OPERATOR: Roller.....	\$ 10.94	0.00
OPERATOR: Screed.....	\$ 13.05	0.00
OPERATOR: Tractor.....	\$ 9.91	0.00
OPERATOR: Trencher.....	\$ 11.75	0.00
PAINTER: Brush (Includes Drywall Finishing/Taping).....	\$ 13.72	2.22
PIPEFITTER (Excluding HVAC Pipe Installation).....	\$ 17.85	2.54
PLASTERER.....	\$ 15.05	0.00
PLUMBER (Excluding HVAC Pipe Installation).....	\$ 20.00	1.37
ROOFER (Metal Roof Only).....	\$ 17.10	0.00
ROOFER, Including Built Up, Hot Tar, Modified Bitumen, Shake & Shingle, Single Ply and Slate & Tile (Excluding Metal Roof).....	\$ 13.59	0.00
SHEET METAL WORKER, Excludes Installation of HVAC Duct.....	\$ 15.62	2.03
TILE SETTER.....	\$ 16.50	2.10
TRUCK DRIVER: 3 Axle Truck.....	\$ 10.50	0.80
TRUCK DRIVER: Dump Truck.....	\$ 10.00	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 13.78	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

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In the listing above, the "SU" designation means that rates listed under the

identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).
Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.

Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION



Town of Medley –
Paving and Drainage *Improvements Flood
Mitigation Area*

Addendum No. 2

Attachment 4

General Decision Number: FL100267 11/18/2011 FL267

Superseded General Decision Number: FL20080267

State: Florida

Construction Type: Heavy

County: Miami-Dade County in Florida.

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines)

Modification Number	Publication Date
0	03/12/2010
1	06/04/2010
2	11/18/2011

* ELEC0349-007 09/05/2011

	Rates	Fringes
ELECTRICIAN		
Electrical contracts including materials that are over \$2,000,000.....	\$ 30.11	8.96
Electrical contracts including materials that are under \$2,000,000.....	\$ 27.15	8.64

ENGI0487-017 01/16/2010		

	Rates	Fringes
OPERATOR: Backhoe (Except Loader Combo).....	\$ 27.57	8.78
OPERATOR: Crane		
All Tower Cranes (Must have 2 operators) Mobile, Rail, Climbers, Static-Mount; All Cranes with Boom Length 150 Feet & Over (With or without jib) Friction, Hydro, Electric or Otherwise; Cranes 150 Tons & Over (Must have 2 operators); Cranes with 3 Drums (When 3rd drum is rigged for work); Gantry & Overhead Cranes; Hydro Cranes Over 25 Tons but not more than 50 Tons (Without Oiler/Apprentice); Hydro/Friction Cranes without Oiler/Apprentices when Approved by Union; &		

All Type of Flying Cranes;		
Boom Truck.....	\$ 28.30	8.78
Cranes with Boom Length Less than 150 Feet (With or without jib); Hydro Cranes 25 Tons & Under, & Over 50 Tons (With Oiler/Apprentice); Boom Truck.....		
	\$ 27.57	8.78
OPERATOR: Drill.....	\$ 25.05	8.78
OPERATOR: Loader.....	\$ 24.89	8.78
OPERATOR: Oiler.....	\$ 22.24	8.78

IRON0272-005 10/01/2006

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 26.70	6.43

LAB01652-004 05/01/2009

	Rates	Fringes
LABORER: Grade Checker.....	\$ 14.50	4.67

PAIN0365-007 07/01/2008

	Rates	Fringes
PAINTER: Brush, Roller and Spray.....	\$ 16.00	6.15

* SUFL2009-164 06/24/2009

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 17.00	2.51
CEMENT MASON/CONCRETE FINISHER...	\$ 16.61	5.52
LABORER: Common or General.....	\$ 13.09	1.26
LABORER: Landscape.....	\$ 7.25	0.00
LABORER: Power Tool Operator (Hand Held Drills/Saws, Jackhammer and Power Saws Only).....	\$ 10.63	2.20
OPERATOR: Asphalt Paver.....	\$ 11.59	0.00
OPERATOR: Backhoe Loader Combo.....	\$ 16.10	2.44
OPERATOR: Blade/Grader.....	\$ 16.00	2.84
OPERATOR: Bulldozer.....	\$ 14.95	0.81

OPERATOR: Excavator.....	\$ 21.16	1.67
OPERATOR: Mechanic.....	\$ 14.32	0.00
OPERATOR: Roller.....	\$ 10.95	0.00
OPERATOR: Scraper.....	\$ 11.00	1.74
OPERATOR: Trackhoe.....	\$ 20.92	5.50
OPERATOR: Tractor.....	\$ 10.54	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 12.73	0.00
TRUCK DRIVER: Off the Road Truck.....	\$ 12.21	1.97
TRUCK DRIVER: Dump Truck.....	\$ 9.60	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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--

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END OF GENERAL DECISION