

# PENNS NECK CDF ID#301

## SITE #1

NOTE: MEASUREMENTS GIVEN IN FEET

DATE = 5/13/10

PENETRATING DEPTH = 9.6ft

CORE (RECOVERY) = Auger = 6.0ft Piston = 3.6ft

2 samples taken with auger, 1 piston core

### STRATIGRAPHY NOTES:

OVERALL RESULTS: PERCENT SILT/CLAY = 93.2%

PERCENT SAND = 6.8%

Brown Sand Avg. = 3.25phi

NOTE: NOT TO SCALE

Auger

T

6.0ft  
Clay  
(Brown)

B

Piston Core

T

3.6ft  
Very Fine  
Sandy Mud  
(Brown)

B

# PENNS NECK CDF ID#301

## SITE #2

NOTE: MEASUREMENTS GIVEN IN FEET

DATE = 5/13/10

PENETRATING DEPTH = 5.0ft

CORE (RECOVERY) = Auger = 4.0ft Piston = 1.0ft

4 samples taken with auger, 1 piston core

### STRATIGRAPHY NOTES:

OVERALL RESULTS: PERCENT SILT/CLAY = **70.3%**

PERCENT SAND = **29.7%**

Brown Sand Avg. = **3.00phi**

NOTE: NOT TO SCALE

Auger

**T**

1.0ft Very Fine Sandy Mud (Brown)	0.5ft Very Fine Sand (Brown)	1.5ft Very Fine Muddy Sand (Brown)	1.0ft Very Fine Sandy Mud (Brown)
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**B**

Piston Core

**T**

1.0ft Very Fine Sandy Mud (Brown)
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**B**

# **PENNS NECK CDF ID#301**

## **SITE #3**

**NOTE: MEASUREMENTS GIVEN IN FEET**

**DATE = 5/13/10**

**PENETRATING DEPTH = 6.2ft**

**CORE (RECOVERY) = Auger = 3.0ft Piston = 3.2ft**

**2 samples taken with auger, 1 piston core**

### **STRATIGRAPHY NOTES:**

**OVERALL RESULTS: PERCENT SILT/CLAY = 55.4%**

**PERCENT SAND = 44.6%**

**Brown Sand Avg. = 0.75phi**

**NOTE: NOT TO SCALE**

**Auger**

**T**

0.5ft Coarse Sand (Brown)	2.5ft Very Fine Muddy Sand (Brown)
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**B**

**Piston Core**

**T**

0.6ft Very Fine Muddy Sand (Grey)	2.6ft Very Fine Sandy Mud (Grey)
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**B**

# **PENNS NECK CDF ID#301**

## **SITE #4**

**NOTE: MEASUREMENTS GIVEN IN FEET**

**DATE = 5/13/10**

**PENETRATING DEPTH = 1.6ft**

**CORE (RECOVERY) = Piston = 1.6ft  
1 piston core**

### **STRATIGRAPHY NOTES:**

**OVERALL RESULTS: PERCENT SILT/CLAY = 89.3%**

**PERCENT SAND = 10.7%**

**Brown Sand Avg. = 3.00phi**

**NOTE: NOT TO SCALE**

**Piston Core**

**T**

**1.6ft  
Very Fine  
Sandy Mud  
(Brown)**

**B**

# PENNS NECK CDF ID#301

## SITE #5

NOTE: MEASUREMENTS GIVEN IN FEET

DATE = 5/13/10

PENETRATING DEPTH = 6.5ft

CORE (RECOVERY) = Auger = 4.0ft Piston = 2.3ft

2 samples taken with auger, 1 piston core

### STRATIGRAPHY NOTES:

OVERALL RESULTS: PERCENT SILT/CLAY = 92.6%

PERCENT SAND = 7.4%

Brown Sand Avg. = 3.25phi

NOTE: NOT TO SCALE

Auger

T

4.0ft  
Clay  
(Brown)

B

Piston Core

T

0.4ft  
Very Fine  
Sandy Mud  
(Brown)

1.9ft  
Mud  
(Grey)

B

# **PENNS NECK CDF ID#301**

## **SITE #6**

**NOTE: MEASUREMENTS GIVEN IN FEET**

**DATE = 5/13/10**

**PENETRATING DEPTH = 6.0ft**

**CORE (RECOVERY) = Auger = 6.0ft**

**3 samples taken with auger**

### **STRATIGRAPHY NOTES:**

**OVERALL RESULTS: PERCENT SILT/CLAY = 85.8%**

**PERCENT SAND = 14.2%**

**Brown Sand Avg. = 3.25phi**

**NOTE: NOT TO SCALE**

**Auger**

**T**

**2.0ft  
Very Fine  
Muddy Sand  
(Brown)**

**4.0ft  
Very Fine  
Sandy Mud  
(Brown)**

**B**

# **PENNS NECK CDF ID#301**

## **SITE #7**

**NOTE: MEASUREMENTS GIVEN IN FEET**

**DATE = 5/13/10**

**PENETRATING DEPTH = 6.0ft**

**CORE (RECOVERY) = Auger = 6.0ft Piston = 2.3ft**

**3 samples taken with auger, 1 piston core**

### **STRATIGRAPHY NOTES:**

**OVERALL RESULTS: PERCENT SILT/CLAY = 62.4%**

**PERCENT SAND = 37.6%**

**Brown Sand Avg. = 3.00phi**

**Auger**  
**T** **NOTE: NOT TO SCALE**

**6.0ft  
Very Fine  
Sandy Clay  
(Brown)**

**B**