

MONITORING WELL LOG: MW9S

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study Standard Motor Products, Inc.

Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

07/08/03

DATE COMPLÉTED: 07/08/03

WEATHER: Hot, Sunny, 90F. DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS:

1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

20.32 feet

WELL DEPTH:

18.45 feet

SCREEN/CASING LENGTH: 15 feet / 3.45 feet

CASING DIAMETER:

4 inch

DRILLING METHOD: STATIC WATER DEPTH:

Hollow Stem Auger

4.03 feet

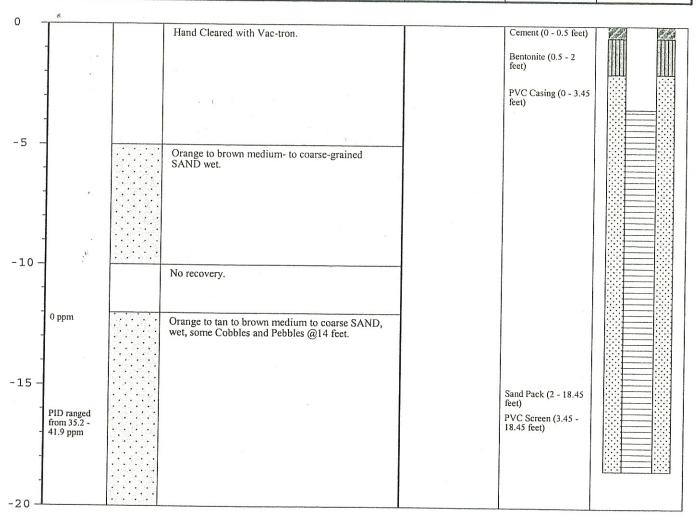
SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| Depth | PID | Lithology | USCS | Construction | Well |
|--------|-------|-----------|------|--------------|---------|
| (feet) | (ppm) | USCS | | Well | Diagram |
| - | | | | | O |





MONITORING WELL LOG: MW9D

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

Standard Motor Products, Inc.

Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

07/08/03

DATE COMPLETED: 07/08/03

WEATHER: Hot, Sunny, 90F.

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS:

1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

20.49 feet

WELL DEPTH:

18.45 feet

SCREEN/CASING LENGTH: 10 feet / 27.7 feet

CASING DIAMETER:

4 inch

DRILLING METHOD:

Hollow Stem Auger

STATIC WATER DEPTH:

4.18 feet

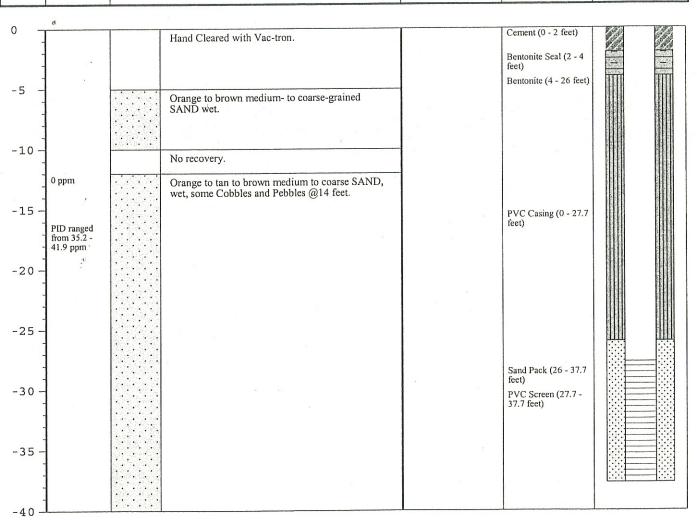
SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| | Depth | PID (nnm) | Lithology USCS | USCS | Construction Well | Well Diagram |
|---|--------|-----------|-------------------|------|----------------------|-----------------|
| 1 | (feet) | (ppm) | USCS | | WEII | Diagram |





MONITORING WELL LOG: MW10

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

Standard Motor Products, Inc. Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

07/07/03

DATE COMPLETED: 07/07/03

WEATHER: Sunny, 80F, Breezy

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS:

1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

21.13 feet

WELL DEPTH:

17.50 feet

SCREEN/CASING LENGTH: 15 feet / 2.50 feet

CASING DIAMETER:

4 inch

DRILLING METHOD: STATIC WATER DEPTH: Hollow Stem Auger

SLOT SIZE:

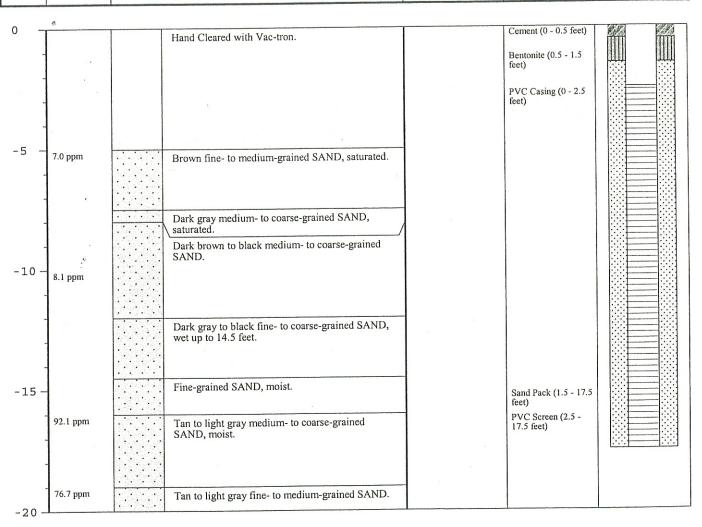
4.71 feet

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| Depth | PIĎ | Lithology | USCS | Construction | Well |
|--------|-------|-----------|------|--------------|---------|
| (feet) | (ppm) | USCS | 0000 | Well | Diagram |





MONITORING WELL LOG: MW11S

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

Standard Motor Products, Inc.

Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

07/07/03

DATE COMPLETED: 07/07/03

WEATHER: Sunny, 80F, breezy.

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS:

1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

WELL DEPTH:

N/A

CASING ELEVATION:

20.76 feet 19.2 feet

SCREEN/CASING LENGTH: 15 feet / 4.2 feet

CASING DIAMETER:

DRILLING METHOD:

Hollow Stem Auger

STATIC WATER DEPTH:

4.34 feet

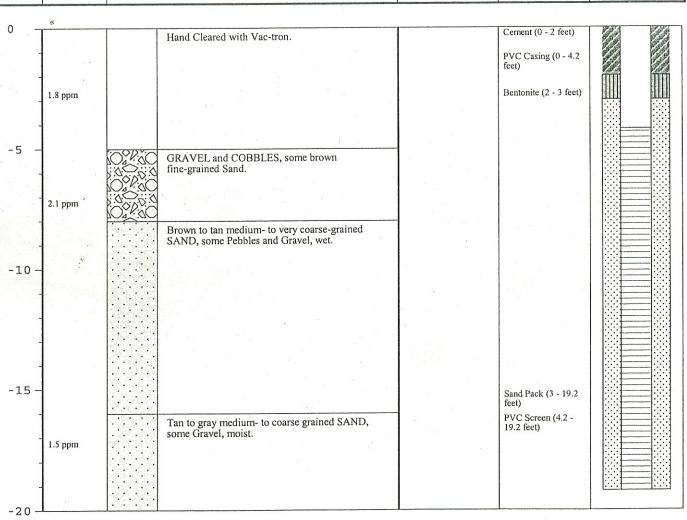
SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| Depth | PID | Lithology | USCS | Construction | Well |
|--------|-------|-----------|------|--------------|---------|
| (feet) | (ppm) | USCS | | Well | Diagram |





MONITORING WELL LOG: MW11D

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

Standard Motor Products, Inc. Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

7/9/2003

DATE COMPLETED: 7/9/2003

WEATHER: Hot, Sunny, 85F.

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS: 1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

19.99 feet

WELL DEPTH:

38.4 feet

SCREEN/CASING LENGTH: 10 feet / 28.4 feet

CASING DIAMETER:

4 inch

DRILLING METHOD:

Hollow Stem Auger

STATIC WATER DEPTH:

3.76 feet

SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| Depth | PID | Lithology | USCS | Construction | Well |
|--------|-------|-----------|------|--------------|---------|
| (feet) | (ppm) | USCS | 0303 | Well | Diagram |

| 0 – | 0.4 ppm | T | Hand Cleared with Vac-tron. | | Cement (0 - 2 feet) | |
|---------|----------|----------|--|----|-------------------------------|----------|
| | o pp | | Halld Cleared with Vac-tron. | | , | 154 |
| | | | | | Bentonite Seal (2 - 4 | |
| | | | | | feet) | |
| -5 - | 0.2 ppm | | Ton to brown madium to goarse SAND some | - | Bentonite (4 - 27 feet) | |
| | 0.2 pp | | Tan to brown medium to coarse SAND, some Cobbles and Pebbles. | | | |
| | 2 5 | | | | | |
| | | | | | | |
| -10 - | 0.7 ppm | i | | 1 | | |
| | 0.7 ррш | | | | | |
| | 1 | | | | | |
| |] , | | | | | |
| -15 - | 1.8 ppm | | | | PVC Casing (0 - 28.4 feet) | |
| | 1.8 ppin | | | ¥1 | feet) | |
| | | | | | | |
| | J. | | | | | |
| -20 - | | | | | | |
| | 1 | | | | | |
| | 1 | | | | | |
| | | | | | | |
| -25 - | - | | | | | |
| | 1 | | | | | |
| | 1 | | | | | |
| |] | | | | Sand Pack (27 - 38.4 feet) | |
| -30 - | - 2 | | | | 1 | |
| | 1 | | ¥ | | | |
| 700 | | | a a | | PVC Screen (28-4 - 38.4 feet) | |
| | 1 | k.''' | | | 30.4 1001) | |
| -35 - | | | | | | |
| 9. 1197 | - | 1.1.1.1. | | | | |
| 11 | † | | | | | |
| 79 |] | | ar and a second and | | | <u> </u> |
| -40- | | A. 30 | | | | |



MONITORING WELL LOG: MW12

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

Standard Motor Products, Inc. Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

07/07/03

DATE COMPLETED: 07/07/003

WEATHER: Sunny, 80F, breezy.

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS: 1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

20.33 feet

WELL DEPTH:

19.8 feet

SCREEN/CASING LENGTH: 15 feet / 4.8 feet

4 inch

CASING DIAMETER: DRILLING METHOD:

Hollow Stem Auger

STATIC WATER DEPTH:

3.97 feet

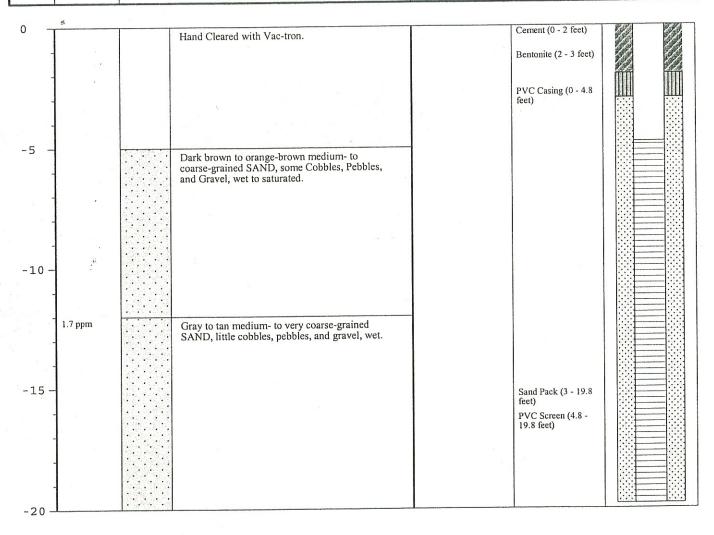
SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| | Depth (feet) | PID (ppm) | Lithology | USCS | Construction Well | Well Diagram |
|---|-----------------|--------------|---|------|----------------------|-----------------|
| ١ | (1000) | (PP) | 10 To | | | |





MONITORING WELL LOG: MW13S

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

Standard Motor Products, Inc.

Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

07/09/03

DATE COMPLETED: 07/09/03

WEATHER: Hot, Sunny, 85F.

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS:

1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

19.99 feet

WELL DEPTH:

19.45 feet

SCREEN/CASING LENGTH: 15 feet / 4.45 feet

CASING DIAMETER:

4 inch

DRILLING METHOD:

Hollow Stem Auger

STATIC WATER DEPTH:

4.12 feet

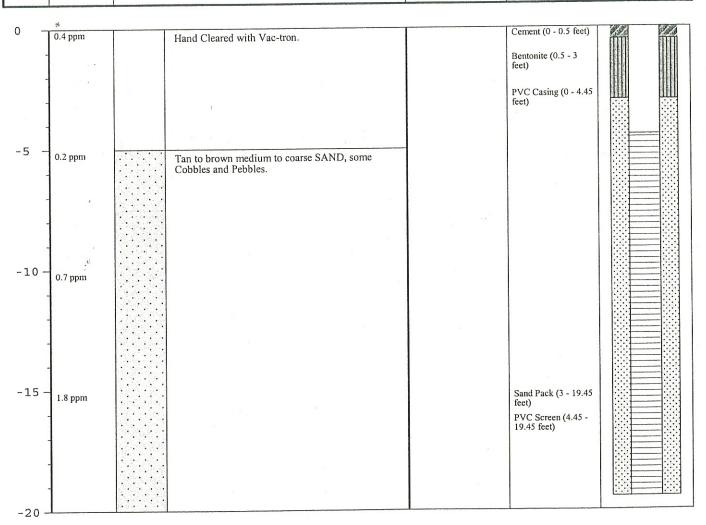
SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| | Depth | PID | Lithology | USCS | Construction | Well |
|---|--------|-------|-----------|------|--------------|---------|
| 1 | (feet) | (ppm) | USCS | | Well | Diagram |





MONITORING WELL LOG: MW13D

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study Standard Motor Products, Inc.

Long Island City, New York

LOGGED BY:

Jennifer Rauth

DATE STARTED:

7/9/2003

DATE COMPLETED: 7/9/2003

WEATHER: Hot, Sunny, 85F.

DRILLER:

Bill Lovenburg

DRILLER'S ADDRESS:

1340 Campus Parkway, Wall, NJ 07719

DRILLER'S LICENSE #: JD1610

WELL PERMIT #:

N/A

CASING ELEVATION:

19.99 feet

WELL DEPTH:

38.4 feet

SCREEN/CASING LENGTH: 10 feet / 28.4 feet

CASING DIAMETER:

4 inch

DRILLING METHOD:

Hollow Stem Auger

STATIC WATER DEPTH:

3.76 feet

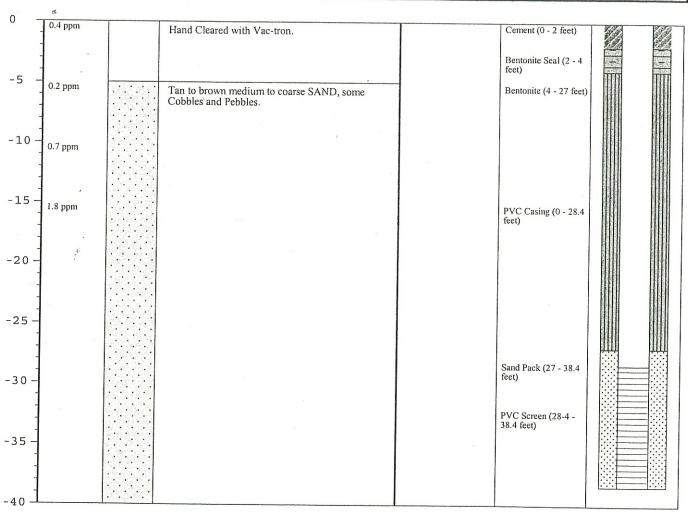
SLOT SIZE:

0.010 inch

SAMPLING METHOD:

Drill Cuttings

| - | 1 | | | | |
|--------|-------|-----------|------|--------------|---------|
| Depth | PID | Lithology | USCS | Construction | Well |
| (feet) | (ppm) | USCS | 0363 | Well | Diagram |
| 1 | | | | | Diagram |



GEG SOIL BORING LOG: SD05

| Ground | dwate | r and Environmen | tal Servic | es, In | c. | | | Page 1 of 1 |
|---------------------------------------|---------------------------|---|-------------------|--------|--|-----------------------------|--------|--|
| Standar | d Motor | iigation/Feasibility Study r Products, Inc. y, New York | LOGGE | D BY: | Jennifer Rauth | DATE START DATE COMP | LETED: | 11/11/02 11/11/02 50-60 degrees F. |
| DRILLI RIG TY DRILLI BIT DIA | PE: NG ME ³ | THOD: Hollow Stem At | | W S | OTAL DEPTH: /ATER LEVEL: AMPLING METHOD: IUMBER OF SAMPLES: | 8 feet N/A | | |
| F | PID (ppm) | Sample ID | Recovery (inches) | | Lithology | | | Comments USCS Classification |
| 0 | 6 | | 5 | | Hand Cleared with Vac- | ron. | | Hand Cleared 0 - 5 feet. |
| -5 - 0 |).6 ppm | | | | Brown to orange mediur SAND, little pebbles, sa | n- to coarse-gi turated. | rained | |

| | Grou | undwat | SOIL] er and Environme | | NG LOG:SD07 | | Page 1 of 1 |
|---|----------------|--|--|----------------------|---------------------------|---|--------------------------------------|
| | Stand | dard Mot | stigation/Feasibility Stud or Products, Inc. ity, New York | ly LOGG x | ED BY: Jennifer Rauth | DATE STARTED: DATE COMPLETED: WEATHER: Clear, 4 | 11/08/02 11/08/02 5 degrees F. |
| | RIG T DRIL | LING CC TYPE: LING ME DIAMETE | ETHOD: Hollow Stem A | h | W. Copp v pv m | 8 feet N/A | |
| | Depth feet) | PID (ppm) | Sample ID | Recovery (inches) | Lithology | : | Comments USCS Classificatio |
| 0 | | es | | | Hand Cleared with Vac-tro | on. | Hand Cleared 0 - 5 feet. |

Orange brown medium- to very coarse-grained SAND, some Gravel and Pebbles, wet.

20 inches

0 ppm



GEC SOIL BORING LOG: SD08

| Gr | oundwat | er and Environme | | | Inc. | | | Page 1 of 1 |
|-------------|--|--|---------------------------------|---------|--|-------------------------------------|--------|--------------------------------------|
| R | emedial Inve | estigation/Feasibility Stu or Products, Inc. ity, New York | THE RESERVE THE PERSON NAMED IN | SED BY: | | DATE START DATE COMP WEATHER: | LETED: | 11/08/02 11/08/02 5 degrees F. |
| RI DI | RILLING CO G TYPE: RILLING ME T DIAMETE | ETHOD: Hollow Stem | | | TOTAL DEPTH: WATER LEVEL: SAMPLING METHOD: NUMBER OF SAMPLES: | 8 feet N/A | | |
| Dep (fee | | Sample ID | Recovery (inches) | | Lithology | | | Comments USCS Classification |
| -5 | a | | | | Hand Cleared with Vac-tr | on. | | Hand Cleared 0 - 5 feet. |
| | - 0.8 ppm | , | 24 inches | | Orange brown medium- to coarse-grained SAND, so Pebbles (subrounded to s | me Cobbles a | nd | |

SOIL BORING LOG: SD14 Page 1 of 1 Groundwater and Environmental Services, Inc. Remedial Investigation/Feasibility Study LOGGED BY: Jennifer Rauth DATE STARTED: 11/08/02 Standard Motor Products, Inc. DATE COMPLETED: 11/08/02 Long Island City, New York WEATHER: Clear, 45 degrees F. DRILLING CO .: 8 feet **GES Probe Services** TOTAL DEPTH: N/A RIG TYPE: WATER LEVEL: DRILLING METHOD: Hollow Stem Auger SAMPLING METHOD: BIT DIAMETER: NUMBER OF SAMPLES: Comments Depth PID Recovery Sample ID Lithology (feet) (ppm) (inches) USCS Classification Hand Cleared 0 - 5 Hand Cleared with Vac-tron. feet. -5

GRAVEL, PEBBLES, and COBBLES (subrounded), some Sand.

Orange brown medium- to coarse-grained SAND, some Pebbles, Cobbles, and Gravel.

29 inches

0.8 ppm

GES

SOIL BORING LOG: SD15

Groundwater and Environmental Services, Inc.

Page 1 of 1

| Stand | ard Motor | igation/Feasibility Study Products, Inc. y, New York | LOGGE | DBY: Jennifer Rauth DATE STARTED: DATE COMPLETED: WEATHER: Clear, 45 | 11/08/02 11/08/02 degrees F. |
|---|--------------|--|-------------------|--|------------------------------------|
| DRILLING CO.: GES Probe Services RIG TYPE: DRILLING METHOD: Hollow Stem Auger BIT DIAMETER: | | | | TOTAL DEPTH: 24 feet WATER LEVEL: N/A SAMPLING METHOD: NUMBER OF SAMPLES: | |
| Depth (feet) | PID (ppm) | Sample ID | Recovery (inches) | Lithology | Comments USCS Classification |
| 0 - | æ | | ; | Hand Cleared with Vac-tron. | Hand Cleared 0 - 5 feet. |
| -5 - | | | 1 | Brown to dark brown medium- to coarse-grained SAND, some Gravel, saturated. | |
| -10 — | 0 ррт | * | 36 inches | Dark brown medium- to very coarse-grained SAND, some Gravel, saturated Orange-tan medium- to very coarse-grained SAND, some Gravel, saturated. | |
| - | 0 ppm ় | | 36 inches | Orange-tan medium- to very coarse-SAND and GRAVEL (angular to subrounded), saturated. Orange-tan medium- to very coarse-grained | |
| -15 - | 0 ррт | | 36 inches | SANĎ, some Gravel, saturated. Orange fine- to medium-grained SAND, little | 4 , |
| -20 - | 0 ррт | | Recovery unknown. | pebbles and gravel. Gray to tan medium- to very coarse-grained SAND, moist. Gray to tan medium- to very coarse-grained SAND, moist. | |

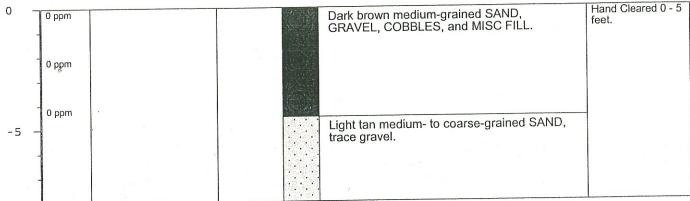
| | die. |
|--|------|
| | |
| | |

SOIL BORING LOG: SB18

| | er and Environments | | ED BY: | Brad Smyth | DATE CTARTER | Page 1 of 1 |
|--|---|-------------------|--------|---|--------------------------------|------------------------------|
| Standard Moto Long Island Ci | or Products, Inc. | x | | | DATE STARTED: DATE COMPLETED: | 11/07/02 11/07/02 |
| | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | WEATHER: Partly of | |
| DRILLING CO RIG TYPE: DRILLING ME BIT DIAMETE | THOD: Hollow Stem A | | S | FOTAL DEPTH: WATER LEVEL: SAMPLING METHOD: NUMBER OF SAMPLES: | 8.0 feet N/A | |
| Depth PID (ppm) | Sample ID | Recovery (inches) | | Lithology | | Comments USCS Classification |
| 0 - | | | 1 | | | |
| 8 | | | | Dark brown medium-gra gravel and cobbles. | ined SAND, trace | Hand Cleared 0 - 5 feet. |
| -5 — -1.9 ppm | | | | Orange-tan medium- to o SAND, wet. | coarse-grained | a |
| 7.3 ppm | | a 11 = | • | Ton | | |

Tan-gray fine- to medium-grained SAND.

SOIL BORING LOG: SD19 Page 1 of 1 Groundwater and Environmental Services, Inc. 11/07/02 DATE STARTED: **Brad Smyth** LOGGED BY: Remedial Investigation/Feasibility Study DATE COMPLETED: 11/07/02 Standard Motor Products, Inc. Long Island City, New York WEATHER: Partly cloudy, 45 degrees F. TOTAL DEPTH: 8.0 feet **GES Probe Services** DRILLING CO .: N/A WATER LEVEL: RIG TYPE: SAMPLING METHOD: DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: Comments Recovery PID Depth Lithology Sample ID USCS Classification (inches) (ppm) (feet) Hand Cleared 0 - 5 Dark brown medium-grained SAND, GRAVEL, COBBLES, and MISC FILL. 0 ppm feet.



SOIL BORING LOG: SD20 Page 1 of 1 Groundwater and Environmental Services, Inc. 11/07/02 DATE STARTED: LOGGED BY: **Brad Smyth** Remedial Investigation/Feasibility Study Standard Motor Products, Inc. DATE COMPLETED: 11/07/02 Long Island City, New York WEATHER: Partly cloudy, 45 degrees F. TOTAL DEPTH: 7.0 feet DRILLING CO.: **GES Probe Services** WATER LEVEL: N/A RIG TYPE: SAMPLING METHOD: DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: Comments PID Recovery Depth Lithology Sample ID USCS Classification (feet) (inches) (ppm) 0 Hand Cleared 0 - 5 Dark brown medium-grained SAND, GRAVEL, COBBLES, and MISC FILL. 0 ppm

Light brown medium-grained SAND, some

Gravel, wet at 6 feet.

0 ppm

0 ppm

-5

SOIL BORING LOG: SD21 Groundwater and Environmental Services, Inc. DATE STARTED: **Brad Smyth** LOGGED BY: Remedial Investigation/Feasibility Study Standard Motor Products, Inc. Long Island City, New York TOTAL D DRILLING CO.: **GES Probe Services** WATER L RIG TYPE: SAMPLIN DRILLING METHOD: Hollow Stem Auger NUMBER BIT DIAMETER: Recovery Depth PID Sample ID (inches)

(feet)

(ppm)

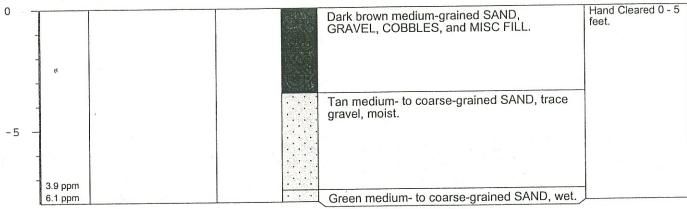
| | | 11/07/02 oudy, 45 degrees F. | | | | |
|---|-------------------------|---------------------------------|--|--|--|--|
| 8.0 feet N/A | rainy er | oudy, 45 degrees P. | | | | |
| | | | | | | |
| | | Comments USCS Classification | | | | |
| | | Hand Cleared 0 - 5 | | | | |
| prown fine- to medium-grained SAND, gravel and fill material. | | | | | | |
| | WEATHER: 8.0 feet N/A | N/A ium-grained SAND, | | | | |

Page 1 of 1

11/07/02

0 Dark b trace g -5 Red brown medium-grained SAND, moist to Light gray to white medium- to coarse-grained SAND, little pebbles.

SOIL BORING LOG: SD22 Page 1 of 1 Groundwater and Environmental Services, Inc. DATE STARTED: 11/07/02 **Brad Smyth** LOGGED BY: Remedial Investigation/Feasibility Study DATE COMPLETED: 11/07/02 Standard Motor Products, Inc. Long Island City, New York WEATHER: Partly cloudy, 45 degrees F. TOTAL DEPTH: 8.0 feet DRILLING CO .: **GES Probe Services** N/A WATER LEVEL: RIG TYPE: SAMPLING METHOD: DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: Comments Recovery Depth PID Lithology Sample ID USCS Classification (inches) (feet) (ppm) Hand Cleared 0 - 5 Dark brown medium-grained SAND,



| GES SOIL BORING LOG: SD24 | | | | | | | | | | |
|--|-----------|-------------------|--|--|--------------------------------------|------------------------------|--|--|--|--|
| Groundwater and Environmental Services, Inc. Page 1 of 1 | | | | | | | | | | |
| Remedial Investigation/Feasibility Study Standard Motor Products, Inc. Long Island City, New York LOGGED BY: Brad Smyth DATE STARTED: *** **DATE COMPLETED: ** ** ** ** ** ** ** ** ** ** ** ** ** | | | | | | | | | | |
| DRILLING CO.: GES Probe Services RIG TYPE: DRILLING METHOD: Hollow Stem Auger BIT DIAMETER: | | | | OTAL DEPTH: VATER LEVEL: AMPLING METHOD: UMBER OF SAMPLES: | 8 feet N/A | | | | | |
| Depth PID (feet) (ppm | Sample ID | Recovery (inches) | | Lithology | | Comments USCS Classification | | | | |
| 0 - | | | | Hand Cleared with Vac- | tron. | Hand Cleared 0 - 5 feet. | | | | |
| -5 - | | | | No Recovery. GRAVEL wet light tan medium- to SAND. | and COBBLES and overy coarse-grained | | | | | |

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

LOGGED BY:

Jennifer Rauth DATE STARTED:

11/12/02

Standard Motor Products, Inc.

DATE COMPLETED:

Long Island City, New York

11/12/02

DRILLING CO.:

GES Probe Services

TOTAL DEPTH:

36 feet

RIG TYPE:

AMS Power Probe

WATER LEVEL:

N/A

DRILLING METHOD: Hollow Stem Auger

SAMPLING METHOD:

Groundwater: Bladder pump

WEATHER: Rain, 55 degrees F.

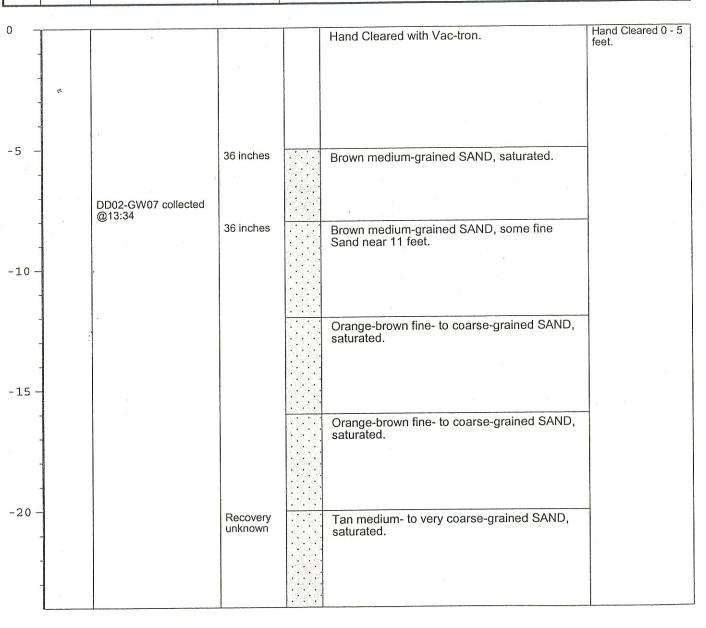
BIT DIAMETER:

2 1/4 inches

NUMBER OF SAMPLES:

2 groundwater samples

Comments Recovery Depth PID Lithology Sample ID USCS Classification (feet) (ppm) (inches)



Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

LOGGED BY:

Jennifer Rauth DATE STARTED:

11/08/02

Standard Motor Products, Inc.

Long Island City, New York

DATE COMPLETED:

11/08/02

DRILLING CO .:

GES Probe Services

TOTAL DEPTH:

20 feet

RIG TYPE:

AMS Power Probe

WATER LEVEL:

N/A

2

DRILLING METHOD: Hollow Stem Auger

SAMPLING METHOD:

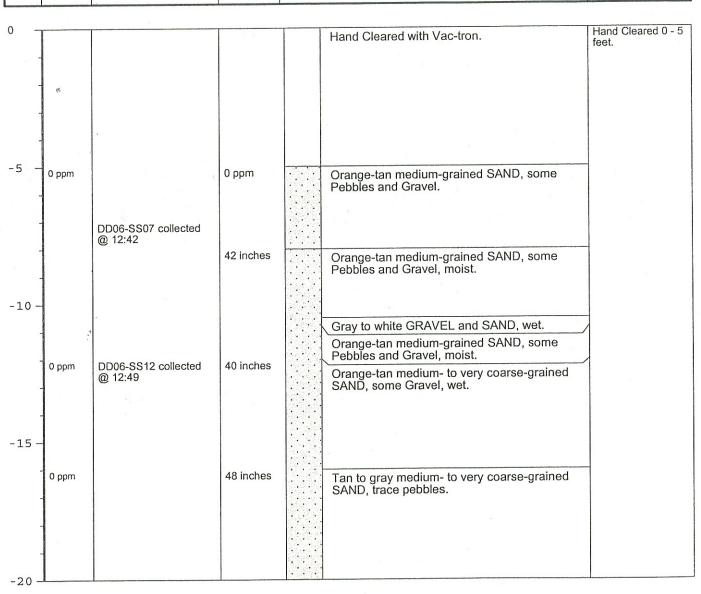
Acetate Sleeve

BIT DIAMETER:

2 1/4 inches

NUMBER OF SAMPLES:

WEATHER: Clear, 45 degrees F.



DD09-SS22 collected @ 10:37

SOIL BORING LOG: DD09

| Grou | Page 1 of 1 | | | | | | |
|--|---|--|------------------------|--------|---|---|------------------------------------|
| Stand | lard Moto | stigation/Feasibility Study or Products, Inc. ty, New York | y LOGGE x | ED BY: | Jennifer Rauth | DATE STARTED: DATE COMPLETED: WEATHER: Rain, 55 | 11/12/02 11/12/02 degrees F. |
| DRILLING CO.: GES Probe Services RIG TYPE: AMS Power Probe DRILLING METHOD: Hollow Stem Auger BIT DIAMETER: 2 1/4 inch | | | | W S | OTAL DEPTH: VATER LEVEL: AMPLING METHOD: IUMBER OF SAMPLES: | 24 feet N/A Acetate Sleeve 5 | |
| Depth (feet) | PID (ppm) | Sample ID | Recovery (inches) | | Lithology | | Comments USCS Classification |
| -5 - | 937 ppm | DD09-SS01 collected @ 09:30 DD09-SS07 collected @ 10:10 | 12 inches No Recovery | | Hand Cleared with Vac-to- | | Hand Cleared 0 - 5 feet. |
| -10 - | | , | | | | | * |
| -15 - - | 56.4 ppm 56.3 ppm 96.4 ppm 3.2 ppm 17.3 ppm | DD09-SS14 collected @ 10:20 DD09-SS17 collected @ 10:33 | 36 inches | | Brown to tan medium- to SAND, some Pebbles and Tan to gray medium- to SAND, some Gravel, mo | coarse grained | |
| -20 - | | | 45 inches | | Tan to light gray medium coarse-grained SAND. | n- to very | |

@ 10:41

Page 1 of 1 Groundwater and Environmental Services, Inc. Jennifer Rauth DATE STARTED: 11/08/02 LOGGED BY: Remedial Investigation/Feasibility Study Standard Motor Products, Inc. DATE COMPLETED: 11/08/02 Long Island City, New York WEATHER: Clear, 45 degrees F. 24 feet TOTAL DEPTH: DRILLING CO.: **GES Probe Services** WATER LEVEL: N/A **AMS Power Probe** RIG TYPE: SAMPLING METHOD: Acetate Sleeve DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: 2 1/4 inch Comments Recovery PID Depth Lithology Sample ID USCS Classification (inches) (feet) (ppm) 0 Hand Cleared 0 - 5 Hand Cleared with Vac-tron. feet. DD10-SS01 collected 0 ppm @ 10:52 -5 Brown to dark brown medium- to coarse-grained SAND, some Gravel, saturated. DD10-SS07 collected 0 ppm @ 10:20 36 inches Dark brown medium- to very coarse-grained 0 ppm SAND, some Gravel, saturated Orange-tan medium- to very coarse-grained SAND, some Gravel, saturated. -10 DD10-SS12 collected 36 inches Orange-tan medium- to very coarse-SAND 0 ppm @ 10:28 and GRAVEL (angular to subrounded), saturated. Orange-tan medium- to very coarse-grained -15 SAND, some Gravel, saturated. 0 ppm 36 inches 0 ppm DD10-SS17 collected Orange fine- to medium-grained SAND, little @ 10:44 pebbles and gravel. Gray to tan medium- to very coarse-grained SAND, moist. -20 Recovery Gray to tan medium- to very coarse-grained 0 ppm unknown. SAND, moist. DD10-SS22 collected 0 ppm

Groundwater and Environmental Services, Inc.

Page 1 of 1

Remedial Investigation/Feasibility Study

LOGGED BY:

Jennifer Rauth DATE STARTED:

11/12/02

Standard Motor Products, Inc.

DATE COMPLETED:

Long Island City, New York

WEATHER: Rain, 55 degrees F.

11/12/02

DRILLING CO.:

GES Probe Services

TOTAL DEPTH:

24 feet

RIG TYPE:

AMS Power Probe

WATER LEVEL:

N/A

5

DRILLING METHOD: Hollow Stem Auger

SAMPLING METHOD:

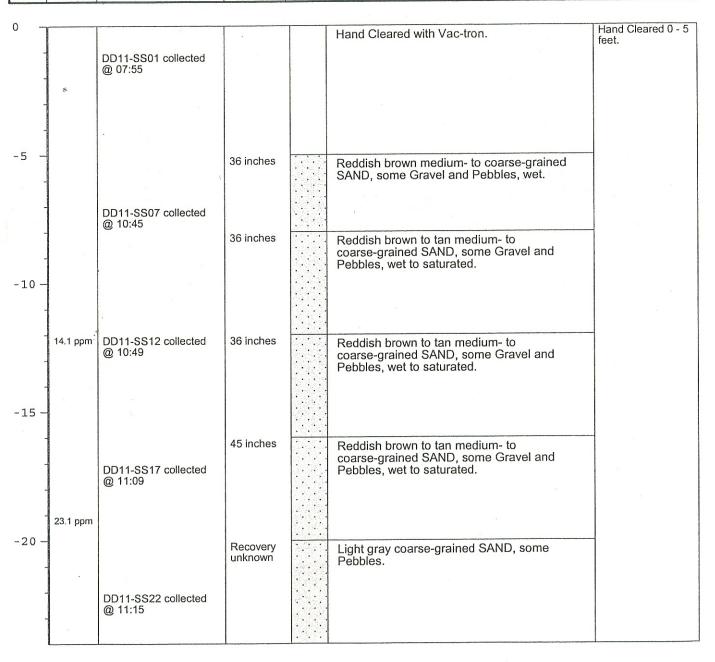
Acetate Sleeve

BIT DIAMETER:

2 1/4 inch

NUMBER OF SAMPLES:

| Depth (feet) | PID (ppm) | Sample ID | Recovery (inches) | Lithology | Comments USCS Classification |
|-----------------|--------------|-----------|-------------------|-----------|------------------------------|
|-----------------|--------------|-----------|-------------------|-----------|------------------------------|



Page 1 of 1 Groundwater and Environmental Services, Inc. DATE STARTED: 11/07/02 LOGGED BY: **Brad Smyth** Remedial Investigation/Feasibility Study Standard Motor Products, Inc. DATE COMPLETED: 11/07/02 Long Island City, New York WEATHER: Partly cloudy, 45 degrees F. 24 feet TOTAL DEPTH: DRILLING CO .: **GES Probe Services** WATER LEVEL: N/A RIG TYPE: **AMS Power Probe** SAMPLING METHOD: Acetate Sleeve DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: 2 1/4 inch Comments PID Recovery Depth Lithology Sample ID USCS Classification (feet) (inches) (ppm) Hand Cleared 0 - 5 Dark brown medium- to coarse-grained SAND feet and GRAVEL, trace cobbles, dry. DD12-SS01 collected @ 15:38 Light brown medium- to coarse-grained SAND, trace gravel. -5 No Recovery. Tan to light gray medium- to very coarse-grained SAND, trace pebbles, wet.

-10 DD12-SS12 collected @ 13:45 -15 DD12-SS17 collected @ 14:20 Yellow brown medium- to very coarse-grained SAND, trace pebbles, wet. Light gray medium- very coarse-graned SAND, trace pebbles, wet. -20 DD12-SS22 collected @ 15:08

GES SO

SOIL BORING LOG: DD13

Page 1 of 1 Groundwater and Environmental Services, Inc. Jennifer Rauth DATE STARTED: 11/12/02 LOGGED BY: Remedial Investigation/Feasibility Study Standard Motor Products, Inc. DATE COMPLETED: 11/13/02 Long Island City, New York WEATHER: Rain, 55 degrees F. **GES Probe Services** TOTAL DEPTH: 24 feet DRILLING CO.: WATER LEVEL: N/A RIG TYPE: SAMPLING METHOD: DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: Comments Recovery PID Depth Sample ID Lithology USCS Classification (inches) (feet) (ppm) Hand Cleared 0 - 5 Hand Cleared with Vac-tron. -5 36 inches Brown to gray medium- to very coarse-grained SAND, wet. 36 inches Tan to dark brown medium- to coarse-grained SAND, some Pebbles and Gravel, saturated. 33.7 ppm -10 42.4 ppm 4.3 ppm 36 inches Gray medium- to coarse-grained SAND, some Pebbles and Gravel, wet. -15 36 inches Tan to reddish brown medium-grained SAND, 10.3 ppm some Pebbles and Gravel, wet. -20 -6.1 ppm Recovery Reddish orange medium- to very unknown coarse-grained SAND, little pebbles and

gravel, saturated.

SOIL BORING LOG: DD16 Page 1 of 1 Groundwater and Environmental Services, Inc. 11/08/02 Jennifer Rauth DATE STARTED: LOGGED BY: Remedial Investigation/Feasibility Study Standard Motor Products, Inc. DATE COMPLETED: 11/08/02 Long Island City, New York WEATHER: Clear, 45 degrees F. 24 feet DRILLING CO.: **GES Probe Services** TOTAL DEPTH: N/A WATER LEVEL: RIG TYPE: SAMPLING METHOD: DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: Comments Recovery Depth PID Sample ID Lithology USCS Classification (feet) (inches) (ppm) 0 Hand Cleared 0 - 5 Hand Cleared with Vac-tron.

Gravel.

Dark brown medium-grained SAND, some

No Recovery

-5

0 ppm

SOIL BORING LOG: DD17 Page 1 of 1 Groundwater and Environmental Services, Inc. DATE STARTED: 11/07/02 LOGGED BY: **Brad Smyth** Remedial Investigation/Feasibility Study Standard Motor Products, Inc. DATE COMPLETED: 11/07/02 Long Island City, New York WEATHER: Partly cloudy, 45 degrees F. TOTAL DEPTH: 24 feet DRILLING CO.: **GES Probe Services** WATER LEVEL: N/A RIG TYPE: SAMPLING METHOD: DRILLING METHOD: Hollow Stem Auger NUMBER OF SAMPLES: BIT DIAMETER: Comments Recovery PID Depth Lithology Sample ID USCS Classification (inches) (feet) (ppm) Hand Cleared 0 -Dark brown medium-grained SAND and 6.5 feet. GRAVEL, trace cobbles and fill material, dry. 0.00 Brown medium- to very coarse-grained SAND, some pebbles and cobbles, wet at 6.5 feet. -5

Light gray medium- to coarse grained SAND,

Gray fine- to medium-grained SAND, some Pebbles and Cobbles.
Light gray medium- to coarse-grained SAND,

Yellow-brown fine- to coarse-grained SAND,

Light gray medium- to very coarse-grained

trace pebbles, wet.

trace pebbles.

trace pebbles.

SAND, trace pebbles.

-10

-15

-20

GES

SOIL BORING LOG: DD23

Groundwater and Environmental Services, Inc.

Page 1 of 1

| Giou | Stoution and Environmental Services, inc. | | | | | | | | | | |
|---|---|-----------|-------------------|--------|----------------|-------------------------------|--------|--|--|--|--|
| Remedial Investigation/Feasibility Study Standard Motor Products, Inc. Long Island City, New York | | | y LOGGE x | ED BY: | Jennifer Rauth | DATE START DATE COMP WEATHER: | LETED: | 11/11/02 11/11/02 50-60 degrees F. | | | |
| DRILLING CO.: GES Probe Services RIG TYPE: DRILLING METHOD: Hollow Stem Auger BIT DIAMETER: | | | | | | 24 feet N/A | | | | | |
| Depth (feet) | PID (ppm) | Sample ID | Recovery (inches) | | Lithology | 2 | | Comments USCS Classification | | | |

| _ | | | | Hand Cleared with Vac-tron. | Hand Cleared 0 - 5 feet. |
|---------------|----------|---------------------|------|---|--------------------------|
| _ | æ | | | | |
| - 5 – - | | 36 inches | | Brown fine- to medium-grained SAND, saturated. | |
| 10 - | | Recovery unknown | | Dark gray medium- to coarse-grained SAND, saturated. Dark brown to black medium- to coarse-grained SAND. | |
| - | 14.1 ppm | 48 inches | | Dark gray to black fine- to coarse-grained SAND, wet up to 14.5 feet. | |
| 15 - | | | | Fine-grained SAND, moist. | |
| | 3.4 ppm | 48 inches | | Tan to light gray medium- to coarse-grained SAND, moist. | |
| 20 - | 1.8 ppm | 36 inches | | Tan to light gray fine- to medium-grained SAND. | |
| | | | | Tan to light gray fine- to coarse-grained SAND. | |
| | 6 ppm | | Var. | COBBLES, PEBBLES, and GRAVEL, some medium- to coarse-grained Sand. |] |

0 ppm

-15

-20

SOIL BORING LOG: DD25

45 inches

Recovery unknown

| Grou | ndwate | er and Environmen | | | с. | | Page 1 of 1 | | |
|---|---|-------------------|-------------------|--|--|--------------------------------------|---------------------------------|--|--|
| Stand | Remedial Investigation/Feasibility Study Standard Motor Products, Inc. Long Island City, New York LOGGED BY: Jennifer Rauth DATE STARTED: DATE COMPLETED: WEATHER: Rain, 55 d | | | | | | | | |
| DRILLING CO.: GES Probe Services RIG TYPE: DRILLING METHOD: Hollow Stem Auger BIT DIAMETER: | | | | | OTAL DEPTH: VATER LEVEL: AMPLING METHOD: IUMBER OF SAMPLES: | 20 feet N/A | | | |
| Depth (feet) | PID (ppm) | Sample ID | Recovery (inches) | | Lithology | | Comments USCS Classification | | |
| 0 | 6 | | | | Hand Cleared with Vac-t | ron. | Hand Cleared 0 - 5 feet. | | |
| -5 - - | | | 36 inches | | Brown fine- to medium-g saturated. | rained SAND, | | | |
| -10 - | 0 ррт | | 48 inches | | Orange-brown to dark be coarse-grained SAND, s saturated. | rown medium- to very ome Pebbles, | | | |

Brown medium-grained SAND, saturated.

Gray medium- to coarse-grained SAND, moist.