

URS Corporation

TEST BORING LOG

PROJECT: KeySpan Hempstead MGP

BORING NO.: OSMW-1

CLIENT: KeySpan

SHEET: 2 of 2

BORING CONTRACTOR: Fenley and Nicol

JOB NO.: 11175065

BORING LOCATION: KeySpan Property

| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | |
|------------|---------------|-----|------------|--------------|---------|--------------|--------------|--|------|---------|-----------|
| | STRATA SYMBOL | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | Remarks | |
| | | | | | | | | | | PID | MOIST |
| 21 | | S-5 | Macro core | | 48" | Brown Orange | | Fine to coarse SAND, loose | SP | 0 | Dry |
| 22 | | | | | | | | Fine to coarse SAND, some medium to coarse gravel, loose | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | | | | | | | | | | | |
| 26 | | S-6 | Macro core | | 29" | Red Orange | | Fine to coarse SAND, some medium to coarse gravel, loose | SP | 0 | Moist Wet |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | S-7 | Macro core | | 0" | | | Sample liner stuck. Material seems similar to above | | 0 | Wet |
| 32 | | | | | | | | | | | |
| 33 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | | | | | | | | | | | |
| 36 | | S-8 | Macro core | | 38" | Lt. Brown | | Fine to coarse SAND, trace fine to medium gravel, loose | SP | 0 | Wet |
| 37 | | | | | | | | | | | |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | | | | | | | | | | | |

End of boring at 40 ft

COMMENTS:

PROJECT NO.: OSMW-1

BORING NO.: 11175065

URS Corporation

TEST BORING LOG

PROJECT: KeySpan Hempstead MGP

BORING NO.: OSMW-2

CLIENT: KeySpan

SHEET: 2 of 3

BORING CONTRACTOR: Fenley and Nicol

JOB NO.: 11175065

BORING LOCATION: KeySpan Property

| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | |
|------------|---------------|-----|------------|--------------|----------------|-----------------------------|---|--|------|---------|-------|
| | STRATA SYMBOL | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | Remarks | |
| 21 | [Hatched] | S-5 | Macro core | | 46" | Brown little Black Staining | | Loose fine to coarse SAND, little fine to coarse gravel. Little staining and coating, moderate petroleum-type odor. | SP | 50 | Moist |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | | | | | | | | | | | |
| 26 | | S-6 | Macro core | | 39" | Brown some Black Staining | | 25' to 28', Loose, fine to coarse SAND, little to some fine gravel. Petroleum-type impact, some staining, moderate odor. | SP | 150 | Wet |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | S-7 | Macro core | | 39" | Brown | | 28' to 30', Heavy MGP impact: Fine to coarse SAND some fine gravel. MGP staining and coating, DNAPL present, 50% to 70% DNAPL saturation, moderate odor. Liner stained with DNAPL. | SP | 200 | Wet |
| 32 | | | | | | | | | | | |
| 33 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | | | | | | | | | | | |
| 36 | | S-8 | Macro core | | 38" | Lt. Brown | | 35' to 37', MGP impacted: fine to coarse SAND, some fine to coarse gravel. Little brown MGP staining, 100% DNAPL saturation at 36' to 36.5', liner stained. | SP | 160 | Wet |
| 37 | | | | | | | | | | | |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | | | | | | | | | | | |
| 38 | | | | | Orange / Brown | | 37' to 40', Loose, fine to coarse SAND, trace fine gravel, faint odor, no staining. | SP | 3 | Wet | |

COMMENTS: SP 20' to 25' HCN:1. SP 25' to 30' HCN:3. SP 30' to 35', HCN:6 and H₂S:1. SP 35' to 40' HCN:3.

PROJECT NO.: OSMW-2

BORING NO.: 11175065

URS Corporation

TEST BORING LOG

PROJECT: KeySpan Hempstead MGP

BORING NO: OSMW-2

CLIENT: KeySpan

SHEET: 3 of 3

BORING CONTRACTOR: Fenley and Nicol

JOB NO.: 11175065

BORING LOCATION: KeySpan Property

| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | |
|------------|---------------|-----|------------|--------------|---------|--------------------|--------------|--|------|---------|-------|
| | STRATA SYMBOL | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | Remarks | |
| | | | | | | | | | | PID | MOIST |
| 41 | | S-9 | Macro core | | 45" | Lt. Brown / Orange | | Loose, fine to medium SAND, little coarse sand, trace fine gravel. No odors or impact. | SP | 0.6 | Wet |
| 42 | | | | | | | | | | | |
| 43 | | | | | | | | | | | |
| 44 | | | | | | | | | | | |
| 45 | | | | | | | | | | | |
| 46 | | | | | | | | End of boring: 45' bgs | | | |
| 47 | | | | | | | | | | | |
| 48 | | | | | | | | | | | |
| 49 | | | | | | | | | | | |
| 50 | | | | | | | | | | | |
| 51 | | | | | | | | | | | |
| 52 | | | | | | | | | | | |
| 53 | | | | | | | | | | | |
| 54 | | | | | | | | | | | |
| 55 | | | | | | | | | | | |
| 56 | | | | | | | | | | | |
| 57 | | | | | | | | | | | |
| 58 | | | | | | | | | | | |
| 59 | | | | | | | | | | | |
| 60 | | | | | | | | | | | |

COMMENTS:

PROJECT NO. OSMW-2

BORING NO. 11175065

| URS Corporation | | | | | | | | | | TEST BORING LOG | | | | | | | | |
|-------------------------------------|--------|-------|------------|--------------|---------|-------------------------------|--------------|---|--|-------------------------------|-----------|--------------|-------------------------|------|----------------------|--|--|--|
| PROJECT: KeySpan Hempstead MGP | | | | | | | | | | BORING NO: OSMW-3 | | | | | | | | |
| CLIENT: KeySpan | | | | | | | | | | LOCATION: Oswego Property | | | | | | | | |
| BORING CONTRACTOR: Fenley and Nicol | | | | | | | | | | JOB NO.: 11175065 | | | | | | | | |
| GROUNDWATER: ~25' bgs | | | | | | | | | | CAS. | | SAMPLER | CORE | TUBE | TOTAL DEPTH: 45' bgs | | | |
| DATE | TIME | LEVEL | TYPE | TYPE | | | | | | | Macrocore | | DATE STARTED: 02/07/08 | | | | | |
| | | | | | | | | | | | | | DATE FINISHED: 02/07/08 | | | | | |
| | | | | | | | | | | | | | DRILLER: Brian | | | | | |
| | | | | | | | | | | | | | GEOLOGIST: J. Harshman | | | | | |
| | | | | | | | | | | * POCKET PENETROMETER READING | | REVIEWED BY: | | | | | | |
| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | | | REMARKS | | | | | |
| | STRATA | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | | | USCS | PID | Moist | | | | | |
| 0 | | S-1 | Grab | | | Black | | Stiff, very fine sandy SILT. Some fine to coarse orange sand at 4'. | | | ML | 0.0 | Moist to Dry | | | | | |
| 1 | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | S-2 | Macro core | | 40" | Brown and Lt. Brown to Orange | | Loose, fine to very coarse SAND, little to some fine to coarse gravel. No impact. | | | SP | 0.0 | Dry | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | S-3 | Macro core | | 42" | Lt. Brown / Orange | | Loose, fine to coarse SAND, little very coarse sand, trace to little fine gravel. No impact. | | | SP | 0.0 | Dry | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |
| 15 | | S-4 | Macro core | | 37" | Lt. Brown / Orange | | 15' to 17', Loose, fine to coarse SAND, little very coarse sand, trace to little fine gravel. No impact. | | | SP | 0.0 | Dry | | | | | |
| 16 | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | Black and Brown Staining | | 17' to 20', Petroleum-type impact: loose fine to medium SAND, trace coarse sand. Staining, petroleum-type odor. | | | SP | 28.0 | Dry | | | | | |

Comments: 0' to 5' interval excavated by hand tools. SP 17' to 20' HCN:1

PROJECT NO. 11175065
BORING NO. OSMW-3

URS Corporation

TEST BORING LOG

PROJECT: KeySpan Hempstead MGP

BORING NO.: OSMW-3

CLIENT: KeySpan

SHEET: 2 of 3

BORING CONTRACTOR: Fenley and Nicol

JOB NO.: 11175065

BORING LOCATION: KeySpan Property

| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | |
|------------|---------------|-----|------------|--------------|---------|---|--------------|---|-------|----------------------|-----|
| | STRATA SYMBOL | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | Remarks PID MOIST | |
| 21 | | S-5 | Macro core | | 36" | Lt. Brown / Orange / Tan Black Staining | | Petroleum-type impact: Loose, fine to medium SAND, little fine to coarse gravel at 24' to 25'. Staining at 20' to 21'. Slight petroleum-type odor. | SP | 46 | Dry |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | | | | | | | | | | | |
| 26 | | S-6 | Macro core | | 39" | Brown little Black Staining | | 25' to 29', Petroleum-type impact: Loose fine to very coarse SAND, trace fine gravel. Staining, moderate petroleum-type odor. | SP | 50 | Wet |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | S-7 | Macro core | | 32" | Black and Brown Staining | | MGP Impacted: Loose fine to coarse SAND and fine GRAVEL, with cobbles. Stained and coated, strong MGP odor. 30' to 32' 50% DNAPL saturation. 32' to 35' 10% DNAPL saturation. | GP/SP | 150 | WET |
| 32 | | | | | | | | | | | |
| 33 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | | | | | | | | | | | |
| 36 | | S-8 | Macro core | | 34" | Brown Staining Brown / Orange | | 35' to 36', Loose fine to medium SAND. Stained 75% DNAPL saturated, strong odor. | SP | 280 | Wet |
| 37 | | | | | | | | | | | |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | | | | | | | | | | | |
| 40 | | | | | | | | 36' to 39', Loose, fine to medium SAND, trace coarse sand, trace fine gravel. No staining. | SP | 3 | Wet |
| 37 | | | | | | | | | | | |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | | | | | | | | | | | |
| 40 | | | | | | | | 39' to 40', Fine SAND, trace gravel. Thin seam of 100% DNAPL saturated. | SP | 100 | Wet |
| 37 | | | | | | | | | | | |
| 38 | | | | | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | | | | | | | | | | | |

COMMENTS: SP 20' to 25', HCN:2. SP 25' to 30', HCN:2. GP/SP 30' to 35', HCN:2. SP 35' to 40' HCN:1.

PROJECT NO.: OSMW-3

BORING NO.: 11175065

URS Corporation

TEST BORING LOG

PROJECT: KeySpan Hempstead MGP

BORING NO.: OSMW-3

CLIENT: KeySpan

SHEET: 3 of 3

BORING CONTRACTOR: Fenley and Nicol

JOB NO.: 11175065

BORING LOCATION: KeySpan Property

| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | |
|---------------|------------------|-----|---------------|-----------------|------------|-----------------------|-----------------|---|------|----------------------|-----|
| | STRATA SYMBOL | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | Remarks PID MOIST | |
| 41 | | S-9 | Macro core | | 35" | Lt. Brown / Orange | | Loose, fine to medium SAND, trace coarse sand, trace fine gravel, trace black sand (native) at 43'. No odors or impact. | SP | 0 | Wet |
| 42 | | | | | | | | | | | |
| 43 | | | | | | | | | | | |
| 44 | | | | | | | | | | | |
| 45 | | | | | | | | | | | |
| 46 | | | | | | | | End of boring: 45' bgs | | | |
| 47 | | | | | | | | | | | |
| 48 | | | | | | | | | | | |
| 49 | | | | | | | | | | | |
| 50 | | | | | | | | | | | |
| 51 | | | | | | | | | | | |
| 52 | | | | | | | | | | | |
| 53 | | | | | | | | | | | |
| 54 | | | | | | | | | | | |
| 55 | | | | | | | | | | | |
| 56 | | | | | | | | | | | |
| 57 | | | | | | | | | | | |
| 58 | | | | | | | | | | | |
| 59 | | | | | | | | | | | |
| 60 | | | | | | | | | | | |

COMMENTS:

PROJECT NO.: OSMW-3

BORING NO.: 11175065

| URS Corporation | | | | | | | | | | TEST BORING LOG | | | | | | | | | | | | | |
|---|--------|-----|------------|--------------|---------|-----------------------------|--------------|--|--|-------------------------------|--|---------|---------|-------|--|------|---------|---------------------------|--|--------------|--|--|--|
| PROJECT: KeySpan Hempstead MGP | | | | | | | | | | BORING NO: HISB-80 | | | | | | | | | | | | | |
| CLIENT: KeySpan | | | | | | | | | | LOCATION: Intersection Street | | | | | | | | | | | | | |
| BORING CONTRACTOR: Fenley and Nicol | | | | | | | | | | JOB NO.: 11175065 | | | | | | | | | | | | | |
| GROUNDWATER: | | | | | | | | | | CAS. | | SAMPLER | | CORE | | TUBE | | DRILLING METHOD: Geoprobe | | | | | |
| DATE | | | | | | | | | | TIME | | LEVEL | | TYPE | | TYPE | | TOTAL DEPTH: 15' bgs | | | | | |
| | | | | | | | | | | | | | | | | | | DATE STARTED: 01/18/08 | | | | | |
| | | | | | | | | | | | | | | DIA. | | | | DATE FINISHED: 01/18/08 | | | | | |
| | | | | | | | | | | | | | | WT. | | | | DRILLER: M. Meade | | | | | |
| | | | | | | | | | | | | | | FALL | | | | GEOLOGIST: J. Harshman | | | | | |
| | | | | | | | | | | * POCKET PENETROMETER READING | | | | | | | | | | REVIEWED BY: | | | |
| DEPTH FEET | SAMPLE | | | | | | DESCRIPTION | | | | | | | | | | REMARKS | | | | | | |
| | STRATA | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | | | | USCS | REMARKS | | | | | | | | | | |
| | | | | | | | | DESCRIPTION | | | | | PID | Moist | | | | | | | | | |
| 0 | | S-1 | Grab | | | Dk. Brown | | 0' to 1', Loamy SAND. | | | | SP | 0.0 | | | | | | | | | | |
| 1 | | | | | | | | 1' to 5', Fine to medium SAND. | | | | SP | 0.0 | Dry | | | | | | | | | |
| 2 | | | | | | Orange / Brown | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | S-2 | Macro core | | 46" | Lt. Brown | | 5' to 8', Loose, fine to coarse SAND, some fine gravel, Perched water. | | | | SP | 0.0 | Wet | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | Lt. Brown | | 8' to 10', Loose, fine to medium SAND, trace fine gravel. No impacts. | | | | SP | 0.0 | Dry | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | S-3 | Macro core | | 42" | Lt. Brown / Yellow / Orange | | Loose, fine to very coarse SAND, some fine to coarse gravel. No impacts. | | | | SP | 0.0 | Dry | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | End of boring: 15' bgs | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: 0' to 5' excavated by hand tools. | | | | | | | | | | PROJECT NO. 11175065 | | | | | | | | | | | | | |
| | | | | | | | | | | BORING NO. HISB-80 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

| URS Corporation | | | | | | | | | | TEST BORING LOG | | | | | | |
|---|--------|-------|------------|--------------|---------|-------------------------------|--------------|---|------|-------------------------------|---------|------|------|----------------------|--|--|
| PROJECT: KeySpan Hempstead MGP | | | | | | | | | | BORING NO: HISB-81 | | | | | | |
| CLIENT: KeySpan | | | | | | | | | | LOCATION: Intersection Street | | | | | | |
| BORING CONTRACTOR: Fenley and Nicol | | | | | | | | | | JOB NO.: 11175065 | | | | | | |
| GROUNDWATER: | | | | | | | | | | CAS. | SAMPLER | CORE | TUBE | TOTAL DEPTH: 15' bgs | | |
| DATE | TIME | LEVEL | TYPE | TYPE | | | Macrocore | | | DATE STARTED: 01/18/08 | | | | | | |
| | | | | DIA. | | | | | | DATE FINISHED: 01/18/08 | | | | | | |
| | | | | WT. | | | | | | DRILLER: M. Meade | | | | | | |
| | | | | FALL | | | | | | GEOLOGIST: J. Harshman | | | | | | |
| * POCKET PENETROMETER READING | | | | | | | | | | REVIEWED BY: | | | | | | |
| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | | | | | | |
| | STRATA | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | REMARKS | | | | | | |
| 0 | | S-1 | Grab | | | Dk. Brown | | 0' to 2' Loamy topsoil | SP | 0.0 | | | | | | |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | | | | | | Lt. Brown | | 2' to 5', Loose, fine to coarse SAND, some fine gravel. | SP | 0.0 | Dry | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | S-2 | Macro core | | 52" | Lt. Brown / Yellowish | | Loose, fine to coarse SAND, trace very coarse sand trace fine gravel. No visible impacts. | SP | 0.0 | Dry | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 11 | | S-3 | Macro core | | 53" | Lt. Brown / Brown / Dk. Brown | | Loose, fine to coarse SAND, trace very coarse sand, little well graded fine gravel. No visible impacts. | SP | 0.0 | Dry | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | End of boring: 15' bgs | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |
| Comments: 0' to 5' excavated by hand tools. | | | | | | | | | | PROJECT NO. 11175065 | | | | | | |
| | | | | | | | | | | BORING NO. HISB-81 | | | | | | |
| | | | | | | | | | | | | | | | | |

| URS Corporation | | | | | | | | | | TEST BORING LOG | | | | | | |
|---|--------|-------|------------|--------------|---------|-----------------------------|--------------|---|------|-------------------------------|---------|------|--------------|----------------------|--|--|
| PROJECT: KeySpan Hempstead MGP | | | | | | | | | | BORING NO: HISB-82 | | | | | | |
| CLIENT: KeySpan | | | | | | | | | | LOCATION: Intersection Street | | | | | | |
| BORING CONTRACTOR: Fenley and Nicol | | | | | | | | | | JOB NO.: 11175065 | | | | | | |
| GROUNDWATER: | | | | | | | | | | CAS. | SAMPLER | CORE | TUBE | TOTAL DEPTH: 15' bgs | | |
| DATE | TIME | LEVEL | TYPE | TYPE | | | Macrocore | | | DATE STARTED: 01/07/08 | | | | | | |
| | | | | DIA. | | | | | | DATE FINISHED: 01/07/08 | | | | | | |
| | | | | WT. | | | | | | DRILLER: Charlie | | | | | | |
| | | | | FALL | | | | | | GEOLOGIST: J. Harshman | | | | | | |
| | | | | | | | | | | * POCKET PENETROMETER READING | | | REVIEWED BY: | | | |
| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | | | REMARKS | | | |
| | STRATA | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | USCS | PID | Moist | | | | | |
| 0 | | S-1 | Grab | | | Dk. Brown | | 0' to 2', Loamy topsoil. | SP | 0.0 | | | | | | |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | | | | | Lt. Brown | | 2' to 5', Fine to coarse SAND, some fine gravel. | SP | 0.0 | Dry | | | | | |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | S-2 | Macro core | | 52" | Lt. Brown / Orange / Yellow | | Loose, fine to coarse SAND, trace very coarse sand, little well graded fine to coarse gravel. | SP | 0.0 | Dry | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 11 | | S-3 | Macro Core | | 56" | Lt. Brown / Orange / Yellow | | Loose, fine to coarse SAND, trace very coarse sand, little well graded fine to coarse gravel. No visible impacts. | SP | 0.0 | Dry | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | End of boring: 15' bgs | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |
| Comments: 0' to 5' excavated by hand tools. | | | | | | | | | | PROJECT NO. 11175065 | | | | | | |
| | | | | | | | | | | BORING NO. HISB-82 | | | | | | |
| | | | | | | | | | | | | | | | | |

| URS Corporation | | | | | | | | | | TEST BORING LOG | | | | | | | | |
|---|--------|-------|------------|--------------|---------|--------------------------|--------------|---|--|-------------------------------|--|---------|-------|-------------------------|----------------------|--|--|--|
| PROJECT: KeySpan Hempstead MGP | | | | | | | | | | BORING NO: HISB-83 | | | | | | | | |
| CLIENT: KeySpan | | | | | | | | | | LOCATION: Intersection Street | | | | | | | | |
| BORING CONTRACTOR: Fenley and Nicol | | | | | | | | | | JOB NO.: 11175065 | | | | | | | | |
| GROUNDWATER: | | | | | | | | | | CAS. | | SAMPLER | CORE | TUBE | TOTAL DEPTH: 15' bgs | | | |
| DATE | TIME | LEVEL | TYPE | TYPE | | | | | | Macrocore | | | | DATE STARTED: 01/16/08 | | | | |
| | | | | DIA. | | | | | | | | | | DATE FINISHED: 01/16/08 | | | | |
| | | | | WT. | | | | | | | | | | DRILLER: M. Meade | | | | |
| | | | | FALL | | | | | | | | | | GEOLOGIST: J. Harshman | | | | |
| | | | | | | | | | | * POCKET PENETROMETER READING | | | | REVIEWED BY: | | | | |
| DEPTH FEET | SAMPLE | | | | | DESCRIPTION | | | | | | | | REMARKS | | | | |
| | STRATA | NO. | TYPE | BLOWS PER 6" | REC RQD | COLOR | CONSIST HARD | MATERIAL DESCRIPTION | | | | USCS | PID | Moist | | | | |
| 0 | | S-1 | Grab | | | Dk. Brown | | 0' to 2', Loamy topsoil. | | | | SP | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | Lt. Brown | | 2' to 5', Fine to coarse SAND, some fine gravel. Undetermined odor. | | | | SP | 3.0 | Moist | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | S-2 | Macro core | | 48" | Lt. Brown | | Loose, fine to coarse SAND, little well graded fine gravel. Moderat to strong hydrocarbon (degraded gasoililine-type) odor. Jar shake test: No sheen. | | | | SP | 75.0 | Dry | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | S-3 | Macro core | | 50" | Brown / Lt. Brown / Grey | | Loose, fine to very coarse SAND, little well graded fine gravel. Strong petroleum-type odor, no visible staining. Jar shake test: No sheen. | | | | SP | 250.0 | Dry | | | | |
| 12 | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | End of boring: 15' bgs | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| Comments: 0' to 5' excavated by hand tools. SP 5' to 10', Sample submitted to lab. SP 10' to 15' sample submitted to lab. | | | | | | | | | | PROJECT NO. 11175065 | | | | | | | | |
| | | | | | | | | | | BORING NO. HISB-83 | | | | | | | | |