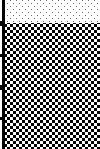
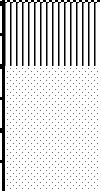


URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-58			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
					* POCKET PENETROMETER READING				TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
										REVIEWED BY: K. Connare			
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0	[Hatched Pattern]	S-1	Grab			Black Stained		0' to 3', MGP impacted material. Black stained and coated gravel, ALM, wood fibers. Faint to moderate MGP odor.	Fill	25.0	Dry		
1													
2													
3													
4	[Dotted Pattern]	S-2	Macro core			Yellow / Orange		3' to 5', Loose, fine to medium to coarse SAND, some fine to coarse gravel. No MGP impact.	GW	0.0	Dry		
5													
6													
7													
8													
9													
10							End of boring: 9' bgs						
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill 0' to 3' used in CS-E-5 sample. GW 3' to 5' group 3 sample taken. GW 5' to 9' used in CS-E-6 sample.

PROJECT NO.	11175065
BORING NO.	DGP-58

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-59			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0								Coarse gravel at ground surface.					
1		S-1	Grab					0' to 2', MGP impacted material. Black stained SAND and GRAVEL, coated, ALM, some tar (black, viscous and gooey), moderate MGP odor. Wood fibers and slag.	Fill	104.0	Dry		
2													
3									Brown	2' to 3', medium stiff, clayey SILT. No MGP impact.	ML	0.0	
4						Yellow / Orange / Tan		Loose, fine to coarse SAND some fine gravel. No MGP impact.	GW	0.0	Dry		
5													
6								46"	Yellow / Orange / Tan	Loose, fine to coarse SAND, little fine gravel (well graded). No MGP impact.	GW	0.0	Dry
7		S-2	Macro core										
8													
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill 0' to 2' used in CS-E-5 sample. Jar test equaled sheen 0' to 5'. GW 5' to 9' used in CS-E-6 sample.

PROJECT NO. 11175065  
BORING NO. DGP-59

**URS Corporation**

**TEST BORING LOG**

<b>PROJECT:</b> KeySpan Hempstead MGP					<b>BORING NO.:</b> DGP-60				
<b>CLIENT:</b> KeySpan					<b>LOCATION:</b> Area E				
<b>BORING CONTRACTOR:</b> Fenley & Nicol					<b>JOB NO.:</b> 11175065				
<b>GROUNDWATER:</b>					<b>CAS.</b>	<b>SAMPLER</b>	<b>CORE</b>	<b>TUBE</b>	<b>DRILLING METHOD:</b> Hand Auger/Geoprobe
					<b>TOTAL DEPTH:</b> 9'				
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>					<b>DATE STARTED:</b> 12/17/07
				<b>DIA.</b>					<b>DATE FINISHED:</b> 12/17/07
				<b>WT.</b>					<b>DRILLER:</b> M. Meade
				<b>FALL</b>					<b>GEOLOGIST:</b> J. Harshman
					<b>* POCKET PENETROMETER READING</b>				<b>REVIEWED BY:</b> K. Connare

DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS	
	STRATA	NO.	TYPE	BLOWS PER 6"	REC	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist	
					RQD%							
0							Coarse gravel at ground surface.					
1		S-1	Grab			Black Stained	0' to 1.5', MGP impacted material. Stained sand and gravel with coating, ALM and wood fibers. Moderate MGP odor.	Fill	189.0	Dry		
2						Lt. Brown	0' to 5', Loose, fine to coarse SAND with some fine to coarse gravel, well graded. No MGP impact.	GW		Dry		
3												
4												
5												
6		S-2	Macro core		37"	Lt. Brown / Orange	Loose to medium dense, fine to very coarse SAND, some poorly graded fine gravel. No MGP impact.	GP	0.0	Dry		
7												
8												
9												
10							End of boring: 9' bgs					
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

Comments: 0' to 5' excavated by hand tools. Fill and GW 0' to 5', used in CS-E-1 and group 3 sample.	<b>PROJECT NO.</b>	11175065
	<b>BORING NO.</b>	DGP-60

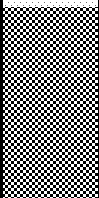
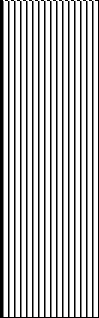
**URS Corporation**

**TEST BORING LOG**

<b>PROJECT:</b> KeySpan Hempstead MGP						<b>BORING NO.:</b> DGP-61						
<b>CLIENT:</b> KeySpan						<b>LOCATION:</b> Area E						
<b>BORING CONTRACTOR:</b> Fenley & Nicol						<b>JOB NO.:</b> 11175065						
<b>GROUNDWATER:</b>						<b>CAS.</b>	<b>SAMPLER</b>	<b>CORE</b>	<b>TUBE</b>	<b>DRILLING METHOD:</b> Hand Auger/Geoprobe		
						<b>TOTAL DEPTH:</b> 9'						
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>		Macrocore				<b>DATE STARTED:</b> 12/18/07		
				<b>DIA.</b>						<b>DATE FINISHED:</b> 12/18/07		
				<b>WT.</b>						<b>DRILLER:</b> M. Meade		
				<b>FALL</b>						<b>GEOLOGIST:</b> J. Harshman		
						<b>* POCKET PENETROMETER READING</b>				<b>REVIEWED BY:</b> K. Connare		

DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS	
	STRATA	NO.	TYPE	BLOWS PER 6"	REC	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist	
					RQD%							
0								Coarse gravel at ground surface.				
1	[Pattern]	S-1	Grab					MGP impacted material. Black Stained and coated sand and gravel, ALM, wet (perched water), little black stained clayey silt at 2.5' to 3'. Moderate MGP odor.	Fill	34	Wet	
2												
3												
4												
5												
6		S-2	Macro core		30"	5' to 6'		5' to 6', Black (stained ?) clayey SILT. Very faint MGP odor.	ML	0.0		
7				6' to 7'		6' to 7' Soft to medium stiff, clayey SILT. No MGP impact.						
8				7' to 9'		Loose, fine to coarse SAND, some fine to coarse gravel. No MGP impact.						
9				Orange / Brown			GP	0.0				Dry
10								End of boring: 9' bgs				
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

Comments:	0-5' interval excavated by hand tools. GP 0' to 5' used in CS-E-3 and GS-E-6 samples, 5' to 9' used in CS-E-4 sample.	<b>PROJECT NO.</b>	11175065
		<b>BORING NO.</b>	DGP-61

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-62			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 8'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0								Coarse gravel at ground surface.					
1		S-1	Grab			Black		0' to 3', MGP impacted material. Black stained and coated SAND and GRAVEL, ALM, wet (perched water), sheen. Moderate MGP odor.	Fill	50	Wet		
2													
3													
4													
5		S-2	Macro core		25"	Dk. Brown		3'to 4', Clayey silt. Moderate MGP odor.	ML				
6													
7								4'-6'	Dk. Brown	4' to 6', soft to medium stiff, clayey SILT. No MGP impact.		0.0	Dry
8								6' to 18'	Orange	6' to 8', soft , clayey SILT. No MGP impact.		0.0	Dry
9										End of boring: 8' bgs			
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-4' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-5 sample, group 3 sample taken. 4' to 8' used in CS-E-6 sample.

PROJECT NO. 11175065  
BORING NO. DGP-62

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-63			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
					* POCKET PENETROMETER READING				TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
										REVIEWED BY: K. Connare			
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0								Coarse gravel at ground surface.					
1		S-1	Grab			Black Stained		0' to 2', MGP impacted material. Black stained sand and gravel, ALM. Faint MGP odor.	Fill	0.0	Dry		
2						Brown		Soft- medium stiff clayey SILT. No MGP impact.	ML	0.0	Dry		
3						Lt. Brown / Tan		Fine to coarse SAND, little fine to coarse gravel. No MGP impact.	GW	0.0	Dry		
4													
5													
6		S-2	Macro core		44"	Tan / Brown / Orange		Loose to medium dense, fine to coarse SAND, little very coarse sand, some poorly graded fine to coarse gravel. No MGP impact.	GP	0.0	Dry		
7													
8													
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill 0' to 2', ML 2' to 3' and GW 3' to 5' used in CS-E-5 sample. Jar test equaled sheen 0' to 5'. GP 5' to 9' used in CS-E-6.

PROJECT NO. 11175065  
BORING NO. DGP-63

**URS Corporation**

**TEST BORING LOG**

<b>PROJECT:</b> KeySpan Hempstead MGP						<b>BORING NO.:</b> DGP-64						
<b>CLIENT:</b> KeySpan						<b>LOCATION:</b> Area E						
<b>BORING CONTRACTOR:</b> Fenley & Nicol						<b>JOB NO.:</b> 11175065						
<b>GROUNDWATER:</b>						<b>CAS.</b>	<b>SAMPLER</b>	<b>CORE</b>	<b>TUBE</b>	<b>DRILLING METHOD:</b> Hand Auger/Geoprobe		
						<b>TOTAL DEPTH:</b> 11'						
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>		<b>Macrocore</b>			<b>DATE STARTED:</b> 12/17/07			
				<b>DIA.</b>					<b>DATE FINISHED:</b> 12/17/07			
				<b>WT.</b>					<b>DRILLER:</b> M. Meade			
				<b>FALL</b>					<b>GEOLOGIST:</b> J. Harshman			
						<b>* POCKET PENETROMETER READING</b>			<b>REVIEWED BY:</b> K. Connare			

DEPTH FEET	SAMPLE					DESCRIPTION				REMARKS			
	STRATA	NO.	TYPE	BLOWS PER 6"	REC	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
					RQD%								
0								Coarse gravel at ground surface.					
1	[Pattern]	S-1	Grab			Black Stained		MGP impacted material present, black stained sand and gravel, ALM, clinker, wet (perched water), black stained and coated. Moderate MGP odor, sheen.	Fill	1.9	Wet		
2													
3													
4		S-2	Macro core		38"	Black Stained		3' to 5', MGP impacted material. Sand and gravel, black stained and coated, ALM. Moderate MGP odor, sheen.	Fill	25.7	Wet		
5													
6													
7		S-3	Macro core		39"	Dk. Brown		Black, peat? or clayey SILT. Slight MGP impact	ML	16.0			
8								Brown				Soft to medium stiff clayey SILT	2.0
9								Lt. Brown				Loose, fine to coarse SAND, little fine to coarse gravel.	GW
10						Orange					Dry		
11						Lt. Brown / Orange		Loose to medium dense, fine to coarse SAND, trace very coarse sand, some fine to coarse gravel (poorly graded). No MGP impact.	GP	0.0	Dry		
12								End of boring: 11' bgs					
13													
14													
15													
16													
17													
18													
19													
20													

Comments:	0-5' interval excavated by hand tools. Fill 0' to 2' used in CS-E-1 Group to sample. Jar test equaled sheen 0' to 5'.	<b>PROJECT NO.</b>	11175065
		<b>BORING NO.</b>	DGP-64

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-65			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/18/07				
				DIA.					DATE FINISHED: 12/18/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
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					Coarse GRAVEL at ground surface.					
1						0' to 3' Black Stained		0' to 3', MGP impacted material. Black stained SAND and GRAVEL, ALM, cinder, coal, faint MGP odor.	Fill	0.0	Dry		
2													
3													
4						3' to 5' Brown		3' to 5', Soft to medium stiff, clayey SILT. No MGP impact.	ML	0.0	Dry		
5													
6		S-2	Macro core		40"	5' to 5.5" Brown		5' to 5.5' soft to medium stiff, clayey SILT.		0.0	Dry		
7						5.5' to 9' Lt. Brown / Orange		5.5' to 9', Loose, fine to coarse SAND, some fine to coarse gravel. No MGP impact.	SP	0.0	Dry		
8													
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-3 and GS-E-8, 5' to 9' used in CS-E-4 sample.

PROJECT NO. 11175065  
BORING NO. DGP-65



URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-66			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/17/07				
				DIA.					DATE FINISHED: 12/17/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
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					Coarse GRAVEL at ground surface.					
1						0' to 3' Black Stained		0' to 3', MGP impacted material. Black stained sand and gravel, ALM, clinker. Faint MGP odor. No perched water.	Fill		Dry		
2													
3													
4						3' to 5' Lt. Brown		3' to 5', Fine to coarse SAND, some fine to coarse gravel. No MGP impact.	GW		Dry		
5													
6		S-2	Macro core		38"	5' to 8" Brown / Tan		5' to 8', Loose, fine to very coarse SAND, some fine to coarse gravel. No MGP impact.	GW		Moist to Dry		
7													
8						8' to 9' Brown / Orange		8' to 9', Fine to very coarse SAND, little fine gravel. No MGP impact.			Dry		
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill and GW 0' to 5' used in group 3 sample CS-E-3, GW 5' to 9' used in CS-E-4 sample.

PROJECT NO. 11175065  
BORING NO. DGP-66

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-67			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/17/07				
				DIA.					DATE FINISHED: 12/17/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
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					Coarse GRAVEL at ground surface.					
1						0' to 3' Black Stained		0' to 3', MGP impacted material. Black stained and coated SAND and GRAVEL, ALM, clinker, (perched water), sheen on water in borehole. Moderate MGP odor.	Fill		Wet		
2													
3													
4						3' to 5' Brown		3' to 5', Soft to medium stiff, clayey SILT. Not visibly impacted.	ML		Moist to Dry		
5													
6		S-2	Macro core		32"	5' to 7" Brown		5' to 7', Soft to medium stiff, clayey SILT. No MGP impact visible			Moist to Dry		
7													
8						7' to 9' Lt. Brown / Orange		7' to 9', Loose, fine to coarse SAND, little very coarse sand, little fine gravel. No MGP impact.	SP		Dry		
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-3 and GS-E-3 samples, 5' to 9' used in CS-E-4 sample.

PROJECT NO. 11175065  
BORING NO. DGP-67

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP					BORING NO: DGP-68								
CLIENT: KeySpan					LOCATION: Area E								
BORING CONTRACTOR: Fenley & Nicol					JOB NO.: 11175065								
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 21'				
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/17/07				
				DIA.					DATE FINISHED: 12/18/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
DEPTH FEET	SAMPLE				DESCRIPTION								
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist	REMARKS	
0		S-1	Grab					Coarse GRAVEL at ground surface.					
1						0' to 1' Dk. Brown		0' to 1', Loamy topsoil, some organic matter.	SP			Dry	
2						1' to 5' Black Stained		1' to 5', MGP impacted material. Black stained and coated sand and gravel, ALM, clinker, metal scrap, (perched water present), sheen on water. Moderate MGP odor.	Fill	32.8		Wet	
3													
4													
5													
6		S-2	Macro core		23"	6' to 7" Black		6' to 7', Heavily impacted MGP material. Liquid (not DNAPL, possibly perched water), sheens, black, coated SAND and GRAVEL, possibly trace DNAPL. Strong MGP odor.	Fill	900		Wet	
7													
8						7' to 8' Black		7' to 8', Peat with little organic matter.	Pt	800			
9						8' to 9' Brown		8' to 9', Soft to medium stiff, clayey SAND and gravel. Strong MGP odor.	ML	235			
10		S-3	Macro core		32"	Black Stained		Loose, MGP impacted sand and gravel. Black stained and coated intervals of fine to coarse SAND, fine to coarse gravel. Strong MGP odor.	GW	490			
11													
12													
13								12' to 13', Loose, fine to coarse SAND and fine gravel, possible gasoline odor.					
14		S-4	Macro core		44"	Brown / Orange		Loose, fine to coarse SAND, some fine to coarse gravel. Gasoline type odor.	GW	280			
15													
16													
17													
18		S-5	Macro core		32"	Brown / Orange		Loose to medium dense, fine to coarse SAND, fine to coarse gravel. Faint gasoline type odor.	GW	10		Dry	
19													
20													
21													
End of boring: 21' bgs													
Comments: 0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-3 and GS-E-8, 5' to 9' used in CS-E-4 sample.										PROJECT NO. 11175065			
										BORING NO. DGP-68			

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP					BORING NO: DGP-69								
CLIENT: KeySpan					LOCATION: Area E								
BORING CONTRACTOR: Fenley & Nicol					JOB NO.: 11175065								
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/17/07				
				DIA.					DATE FINISHED: 12/18/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
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					Coarse GRAVEL at ground surface.					
1						Black		0 - 3': MGP impacted cinder-like material, black stained SAND and GRAVEL, ALM, faint MGP odor, no perched water.	Fill		Dry		
2													
3													
4						Lt. Brown		Fine to coarse SAND, some fine to coarse gravel. No MGP impacts.	GW		Dry		
5													
6		S-2	Macro core		24"			Loose to dense fine to coarse SAND, some poorly sorted gravel. No MGP impacts.	GP		Dry		
7													
8													
9													
10								End of boring at 9'					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
										End of boring: 21' bgs			
Comments: 0-5' interval excavated by hand tools. Collected samples CS-E-3, CS-E-4, and GS-E-5.										PROJECT NO. 11175065			
										BORING NO. DGP-69			

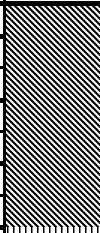
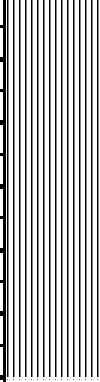
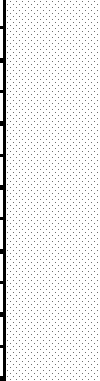
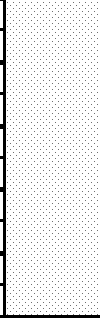
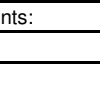
URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP					BORING NO: DGP- 70 1 of 2								
CLIENT: KeySpan					LOCATION: Area E								
BORING CONTRACTOR: Fenley & Nicol					JOB NO.: 11175065								
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 24'				
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/20/07				
				DIA.					DATE FINISHED: 12/20/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
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					Coarse GRAVEL at ground surface.					
1						0' to 3' Black Stained		0' to 3'; MGP impacted material. Black stained and coated SAND and GRAVEL, ALM, (perched water), sheen. MGP odor.	Fill	35.0	Wet		
2													
3													
4						Black St, Brown		Black stained (MGP impact) clayey SILT. Clayey SILT. No visible impact.	ML		Wet		
5		S-2	Macro Core		32"	Lt. Brown / Brown / Tan		Loose, fine to medium to coarse to very coarse SAND, poorly graded fine to coarse gravel. No visible impact.	GP	2.0	Dry		
6													
7													
8													
9		S-3	Marco core		38"	Dk. Brown		8' to 9', Fine SAND, trace fine gravel. 3" interval of dark brown gooey fine sand with very faint MGP odor (like putty, viscous, not tar)	SP	4.0			
10						Orange / Lt. Brown		9' to 12', Loose, fine to coarse SAND, little fine to coarse gravel (well graded). No visible impact.	GW		Dry		
11													
12													
13		S-4	Macro core		21"	Lt. Brown Tan		Loose, fine to coarse SAND, trace fine gravel. No visible impact.	SP	0.0	Dry		
14													
15													
16													
17		S-5	Macro core		26"	Brown to Lt. Brown / Tan		Medium dense, fine to coarse SAND, trace very coarse sand, trace fine gravel. No visible impact.	SP/GW	1.6	Dry		
18													
19													
20													

Comments: 0-4' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-7 and GS E-14 samples, SP and GW 8' to 12' used in CS-E-16 sample.

PROJECT NO. 11175065

BORING NO. DGP- 70 1 of 2

<b>URS Corporation</b>										<b>TEST BORING LOG</b>			
<b>PROJECT:</b> KeySpan Hempstead MGP					<b>BORING NO.:</b> DGP-70 2 of 2								
<b>CLIENT:</b> KeySpan					<b>LOCATION:</b> Area E								
<b>BORING CONTRACTOR:</b> Fenley & Nicol					<b>JOB NO.:</b> 11175065								
<b>GROUNDWATER:</b>					<b>CAS.</b>	<b>SAMPLER</b>	<b>CORE</b>	<b>TUBE</b>	<b>TOTAL DEPTH:</b> 24'				
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>		Macrocore			<b>DATE STARTED:</b> 12/20/2007				
				<b>DIA.</b>					<b>DATE FINISHED:</b> 12/20/07				
				<b>WT.</b>					<b>DRILLER:</b> M. Meade				
				<b>FALL</b>					<b>GEOLOGIST:</b> J. Harshman				
* POCKET PENETROMETER READING								<b>REVIEWED BY:</b> K. Connare					
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
20		S-6	Macro core		24"	Orange / Yellowish		Loose, fine to coarse SAND, trace fine gravel. No visible impact.	SW	0.0	Dry		
21													
22													
23													
24													
25								End of boring: 24' bgs					
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
<b>Comments:</b>								<b>PROJECT NO.</b> 11175065					
								<b>BORING NO.</b> DGP-70 2 of 2					

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-71 1 of 2			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 24'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
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 Stained		0' to 3', MGP impacted material. Black stained and coated SAND and GRAVEL, ash-like material, (perched water), sheen. Moderate MGP odor	Fill	80.0	Wet		
1													
2													
3													
4						Black Stained		0' to 4', MGP impacted clayey SILT.	ML				
5		S-2	Macro core		16"			4' to 6', MGP impacted clayey SILT. Stained black. Moderate MGP odor.	ML	288	Moist		
6													
7							Brown		6' to 8', Soft to medium stiff, clayey SILT. Faint MGP odor.	ML	34.0		
8													
9		S-3	Macro core		28"	Brown		8' to 9', Slightly stained black, clayey SILT. Slight to moderate MGP odor.	ML	430.0			
10			Macro core			9' to 12' Lt. Brown		9' to 12', Loose, slightly stained, fine to coarse SAND, little fine to coarse gravel. Gasoline-type odor.	GP	433.0	Dry		
11													
12													
13		S-4	Macro core		46"	Brown / Tan		Loose, with little staining. Fine to coarse SAND, some poorly graded fine gravel. Gasoline-type odor, coated.		379.0 down to 235.0	Dry		
14													
15													
16													
17		S-5	Macro core		32"	Brown		Loose, slightly stained. Fine to medium SAND, trace to little coarse sand, trace to little fine gravel. Moderate to strong gasoline-type (degraded) odor.	GW/SW	417.0	Dry		
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-7 sample.

PROJECT NO. 11175065  
BORING NO. DGP-71 1 of 2

<b>URS Corporation</b>										<b>TEST BORING LOG</b>		
<b>PROJECT:</b> KeySpan Hempstead MGP					<b>BORING NO.:</b> DGP-71 2 of 2							
<b>CLIENT:</b> KeySpan					<b>LOCATION:</b> Area E							
<b>BORING CONTRACTOR:</b> Fenley & Nicol					<b>JOB NO.:</b> 11175065							
<b>GROUNDWATER:</b>					<b>CAS.</b>	<b>SAMPLER</b>	<b>CORE</b>	<b>TUBE</b>	<b>TOTAL DEPTH:</b> 24'			
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>		Macrocore			<b>DATE STARTED:</b> 12/19/07			
				<b>DIA.</b>					<b>DATE FINISHED:</b> 12/19/07			
				<b>WT.</b>					<b>DRILLER:</b> M. Meade			
				<b>FALL</b>					<b>GEOLOGIST:</b> J. Harshman			
* POCKET PENETROMETER READING								<b>REVIEWED BY:</b> K. Connare				
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS	
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist	
20		S-6	Macro core		20"	Brown / Orange		Loose to medium dense. Impacted with some staining. Fine to medium to coarse SAND, some fine gravel. Moderate gasoline (degraded) odor.	GW	173.0	Dry	
21												
22												
23												
24												
25								End of boring: 24' bgs				
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Comments:								<b>PROJECT NO.</b> 11175065				
								<b>BORING NO.</b> DGP-71 2 of 2				



URS Corporation										TEST BORING LOG				
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-72				
CLIENT: KeySpan										LOCATION: Area E				
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065				
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'					
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/20/07					
				DIA.					DATE FINISHED: 12/20/07					
				WT.					DRILLER: M. Meade					
				FALL					GEOLOGIST: J. Harshman					
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare				
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 Stained		0' to 2', MGP impacted material. Black stained SAND and GRAVEL, coal, slag, ALM.	Fill	0.0	Dry			
1														
2														
3									Brown		2' to 3', slightly stained clayey SILT. Very faint MGP odor.	ML		
4									Brown		3' to 5', Clayey SILT. No visible impact.			
5		S-2	Macro core		28"	Dk. Brown to Lt. Brown / Tan / Orange		Fine to coarse SAND, little to some fine to coarse gravel, well graded. No visible impact.	GW	0.0	Dry			
6														
7														
8														
9														
10								End of boring: 9' bgs						
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														


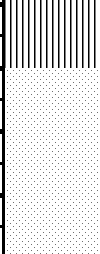
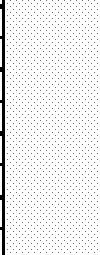
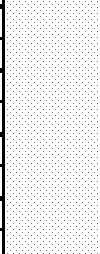
Comments: 0-5' interval excavated by hand tools.

PROJECT NO. 11175065  
BORING NO. DGP-72

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-73			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 8'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/20/07				
				DIA.					DATE FINISHED: 12/20/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
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					Coarse GRAVEL at ground surface.					
1						0' to 3' Black Stained		0' to 3', MGP impacted material. Black stained and some coating of sand and gravel, ALM, (perched water), sheen. Faint MGP odor.	Fill	6.0	Wet		
2													
3													
4						3' to 5' Black		3' to 4', Black stained clayey SILT, MGP impacted. Faint odor.	ML		Moist to Wet		
5		S-2	Macro core		32"	Brown		4' to 5', Brown, slightly stained clayey SILT. Very faint MGP odor.		20	Moist		
6								5' to 8', Loose, fine to medium to coarse SAND, poorly graded fine gravel, trace coarse gravel. Oily, gasoline (degraded) odor and impact.	SP	30.0	Moist to dry		
7													
8													
9								End of boring: 8' bgs					
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-4' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-7.

PROJECT NO. 11175065  
BORING NO. DGP-73

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-74			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 16'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
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		0' to 2', MGP impacted material. Black stained SAND and GRAVEL, coal, ALM. Faint MGP odor.	Fill	0.0			
1						Stained							
2													
3									Black		2' to 4', Black stained and coated clayey SILT. Very faint MGP odor.	ML	
4					Stained								
5		S-2	Macro core		38"	Black		4' to 5', Black stained and coated SILT. Faint MGP odor.	ML	0.0			
6						5' to 8'	Brown						5' to 8', Loose, fine to coarse SAND, little fine gravel.
7													
8													
9		S-3	Macro core			8' to 9'		8' to 9', Fine to coarse, little fine gravel.	GW	33.0			
10						9' to 9.5'	Black						9' to 9.5', Black, gooey/tarry, MGP impacted, tar, viscous.
11						9.5' to 12'	Brown		9' to 12', Loose, fine to coarse SAND, little fine gravel. Gasoline odor.				
12													
13		S-4	Macro core			Brown / Tan		Gasoline impacted. Fine to coarse SAND, little fine gravel. Gasoline odor.	GW	75.0			
14													
15													
16													
17								End of boring: 16' bgs					
18													
19													
20													

Comments: 0-4' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-5 sample.

PROJECT NO. 11175065  
BORING NO. DGP-74

URS Corporation										TEST BORING LOG		
PROJECT: KeySpan Hempstead MGP					BORING NO: DGP-90							
CLIENT: KeySpan					LOCATION: Area E							
BORING CONTRACTOR: Fenley & Nicol					JOB NO.: 11175065							
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore			DATE STARTED: 12/18/07			
				DIA.					DATE FINISHED: 12/18/07			
				WT.					DRILLER: M. Meade			
				FALL					GEOLOGIST: J. Harshman			
* POCKET PENETROMETER READING								REVIEWED BY: K. Connare				
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS	
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist	
0								Coarse gravel at ground surface.				
1		S-1	Grab			Black Stained		0' to 3', MGP impacted material. Stained sand and gravel, ALM, coal, cinder-like material. Faint MGP odor.	Fill	4.9	Moist to Dry	
2												
3												
4						Brown		3' to 5', Soft to medium stiff, clayey SILT. No MGP impact.	ML		Dry	
5												
6		S-2	Macro core		38"	Tan / Orange		Loose to medium dense, fine to coarse SAND, trace to little very coarse SAND, little to some fine to coarse gravel (well graded). No MGP impact.	GW	0.0	Dry	
7												
8												
9												
10								End of boring: 9' bgs				
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

Comments: 0' to 5' excavated by hand tools. Fill and ML 0' to 5' used in GS-E-7 sample. Jar test equaled sheen for 0' to 5'.

PROJECT NO.	11175065
BORING NO.	DGP-90

**URS Corporation**

**TEST BORING LOG**

<b>PROJECT:</b> KeySpan Hempstead MGP						<b>BORING NO.:</b> DGP-91									
<b>CLIENT:</b> KeySpan						<b>LOCATION:</b> Area E									
<b>BORING CONTRACTOR:</b> Fenley & Nicol						<b>JOB NO.:</b> 11175065									
<b>GROUNDWATER:</b>						<b>CAS.</b>		<b>SAMPLER</b>		<b>CORE</b>		<b>TUBE</b>		<b>DRILLING METHOD:</b> Hand Auger/Geoprobe	
												<b>TOTAL DEPTH:</b> 9'			
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>		<b>Macrocore</b>						<b>DATE STARTED:</b> 12/17/07			
				<b>DIA.</b>								<b>DATE FINISHED:</b> 12/17/07			
				<b>WT.</b>								<b>DRILLER:</b> M. Meade			
				<b>FALL</b>								<b>GEOLOGIST:</b> J. Harshman			
						<b>* POCKET PENETROMETER READING</b>						<b>REVIEWED BY:</b> K. Connare			

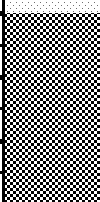
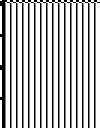

DEPTH FEET	SAMPLE					DESCRIPTION						REMARKS	
	STRATA	NO.	TYPE	BLOWS PER 6"	REC	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
					RQD%								
0		S-1	Grab					Coarse GRAVEL at ground surface.					
1						Black Stained		Loose, black stained MGP impacted material, ALM with some wood. Slight black coating on fine to medium sand and fine to coarse gravel. (perched water in borehole at 1' to 5' bgs), sheen. Moderate MGP odor.	Fill	2.0	Wet		
2													
3													
4													
5													
6		S-2	Macro core			Brown		5' to 5.5', Soft to medium stiff, clayey SILT. No MGP impact visible.	ML	0.0	Moist		
7						5.5' to 9' Lt. Brown to Orange		5.5' to 9', Fine to very coarse SAND, some fine to coarse grave. No visible MGP impact.	GP		Dry		
8													
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments:	0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-1 and GS-E-1 samples.	<b>PROJECT NO.</b> 11175065	
		<b>BORING NO.</b> DGP-91	

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-92			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 9'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/17/07				
				DIA.					DATE FINISHED: 12/17/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
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					Coarse GRAVEL at ground surface.					
1						0' to 3' Black Stained		0' to 3', MGP impacted material. Black stained and coated SAND and GRAVEL, ALM, (perched water), sheen. MGP odor.	Fill	2.0	Wet		
2													
3													
4						3' to 5' Brown		3' to 5', Soft to medium stiff, clayey SILT. No MGP impact.	ML	8.0	Moist Dry		
5													
6		S-2	Macro core		24"	5' to 7' Brown		Soft to medium stiff, clayey SILT. No visible MGP impact.			Moist to Dry		
7													
8						7' to 9' Lt. Brown / Orange / Tan		Fine to very coarse SAND, some fine to coarse well graded gravel. No MGP impact.	SP		Dry		
9													
10								End of boring: 9' bgs					
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-1 and GS-E-4 samples.

PROJECT NO. 11175065  
BORING NO. DGP-92

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-93			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 8'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/20/07				
				DIA.					DATE FINISHED: 12/20/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0								Coarse gravel at ground surface.					
1		S-1	Grab			Black		0' to 3', MGP impacted material. Black stained and coated SAND and GRAVEL, ALM, (perched water), sheen. Moderate MGP odor.	Fill	38.0	Moist		
2													
3													
4													
5						Black Stain Dk. Brown		3'to 4', MGP impacted black stained clayey SILT. 4' to 5', Clayey SILT. No visible MGP impact.	ML				
6													
7													
8													
9		S-2	Macro core			Lt Brown / Tan		Medium dense, fine to coarse SAND, little to some fine to coarse gravel (poorly graded). Very faint gasoline type odor.	SP	6	Dry		
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Comments: 0-4' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-7 and GS-A-15 sample.

PROJECT NO. 11175065  
BORING NO. DGP-93

URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-94			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 19'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/19/07				
				DIA.					DATE FINISHED: 12/19/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
					* POCKET PENETROMETER READING				REVIEWED BY: K. Connare				
DEPTH FEET	SAMPLE					DESCRIPTION				REMARKS			
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0								Coarse gravel at ground surface.					
1	[Pattern]	S-1	Grab			Black		0' to 3', MGP impacted material. Black stained sand and gravel, ALM, lens of tarry material at 1' to 5' no perched water. Faint to moderate MGP odor.	Fill	125.0			
2						Stained							
3													
4	[Pattern]	S-2	Macro core			Black		3' to 4', Black stained (MGP-impacted). Clayey SILT.	ML		Dry		
5						Stained						4' to 5', Clayey SILT	
6								Brown		5' to 6', Lightly stained black. Soft clayey SILT. Faint MGP odor.	ML	82	Dry
7	[Pattern]	S-3	Macro core			Black		6' to 8', Black stained (not MGP impacted). Fine to coarse SAND, little fine to coarse gravel. Gasoline impact and strong odor.	GW	422.0	Moist to Dry		
8						Stained						8' to 9', Loose, fine to coarse SAND, little fine to coarse gravel. Gasoline odor	
9								Brown		9' to 10', Little black staining and gasoline type odor. Fine to coarse SAND, little fine gravel.	GW	177.0	Dry
10	[Pattern]	S-4	Macro core		40"	Brown		10' to 11' Fine to coarse SAND, with some fine gravel. Black stained and coated interval at 10.5' to 11' (MGP impact?), MGP odor.		87.0			
11												11' to 13', Loose, fine to coarse SAND, little fine gravel. Faint gasoline odor.	
12								Tan to Orange		13' to 15', Medium dense, fine to coarse SAND, some fine to coarse gravel, black staining at 15'. Gasoline type odor.	GW	158.0	Dry
13	[Pattern]	S-4	Macro core			Lt. Brown / Tan		15' to 17', Medium dense, fine to coarse SAND, fine gravel. Very faint gasoline odor, dry.	GW	15.0	Dry		
14												Black Stained	
15								Lt. Brown / Tan / Orange					
16													
17													
18	End of Boring: 19' bgs												
19													
20													
Comments: 0-5' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-7 sample.										PROJECT NO. 11175065			
										BORING NO. DGP-94			



URS Corporation										TEST BORING LOG			
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-95			
CLIENT: KeySpan										LOCATION: Area E			
BORING CONTRACTOR: Fenley & Nicol										JOB NO.: 11175065			
GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE	DRILLING METHOD: Hand Auger/Geoprobe				
						Macrocore			TOTAL DEPTH: 4'				
DATE	TIME	LEVEL	TYPE	TYPE					DATE STARTED: 12/20/07				
				DIA.					DATE FINISHED: 12/21/07				
				WT.					DRILLER: M. Meade				
				FALL					GEOLOGIST: J. Harshman				
* POCKET PENETROMETER READING										REVIEWED BY: K. Connare			
DEPTH FEET	SAMPLE					DESCRIPTION					REMARKS		
	STRATA	NO.	TYPE	BLOWS PER 6"	REC RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	PID	Moist		
0								Coarse gravel at ground surface.					
1	[Pattern]	S-1	Grab			Black Stained		0' to 3', MGP impacted material. Black stained and coated sand and gravel, ALM, (perched water), sheen. Moderate MGP odor.	Fill	10.0	Wet		
2													
3													
4	[Pattern]		Grab			Black Stain Brown		3' to 3.5', MGP impacted clayey SILT. 3.5' to 4', Clayey Silt. No visible impact.	ML				
5								End of boring: 4' bgs					
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
Comments:		0-4' interval excavated by hand tools. Fill and ML 0' to 5' used in CS-E-7 sample.							PROJECT NO.		11175065		
									BORING NO.		DGP-95		