

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-29							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/11/07			
					DIA.									DATE FINISHED: 12/11/07			
					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	[Hatched Pattern]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.			SP	0.0	Dry				
1																	
2																	
3							Lt. Brown		2' to 5', Fine to coarse SAND and fine GRAVEL. No MGP impact.			GP		Dry			
4																	
5																	
6			S-2	Macro core		38"	Lt Brown / Tan		Loose, fine to coarse SAND, some fine gravel (poorly graded). 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' interval excavated by hand tools.									PROJECT NO. 11175065						
											BORING NO. DGP-29						

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-30							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/11/07			
				DIA.										DATE FINISHED: 12/12/07			
				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	REMARKS							
										PID	Moist						
0	[Hatched Area]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.	SP	0.0	Dry						
1																	
2																	
3		S-1	Grab			Lt. Brown		2' to 5', Fine to coarse SAND and fine GRAVEL. No MGP impact.	GP		Dry						
4																	
5																	
6		S-2	Macro core		38"	Lt Brown / Tan		Loose, fine to coarse SAND, some fine gravel (poorly graded). 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' interval excavated by hand tools. SP and GP 0' to 5' used in CS-B-1 sample. GP 5' to 9' used in CS-B-1 and GS-B-2 samples.

PROJECT NO. 11175065
BORING NO. DGP-30

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-31							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/11/07			
				DIA.										DATE FINISHED: 12/12/07			
				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	REMARKS							
										PID	Moist						
0	[Hatched]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.	SP	0.0	Dry						
1																	
2																	
3							Lt. Brown		2' to 5', Fine to coarse SAND and fine GRAVEL. No MGP impact.	GP		Dry					
4																	
5																	
6		S-2	Macro core		32"	Lt Brown		Loose, fine to coarse SAND, some fine gravel (poorly graded). 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' interval excavated by hand tools.										PROJECT NO. 11175065							
										BORING NO. DGP-31							

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-32							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/11/07			
				DIA.										DATE FINISHED: 12/12/07			
				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	REMARKS							
										PID	Moist						
0	[Hatched]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.	SP	0.0	Dry						
1																	
2																	
3							Lt. Brown		2' to 5', Loose, fine to coarse SAND, some fine gravel (subrounded to rounded). No MGP impact.	GP		Dry					
4																	
5																	
6		S-2	Macro core		34"	Lt Brown / Tan		Loose, fine to coarse SAND, some fine gravel (poorly graded). 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' interval excavated by hand tools. SP and GP 0' to 5' used in CS-B-1 and GS-B-1 samples.								PROJECT NO.		11175065					
										BORING NO.		DGP-32					

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-33							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/12/07			
					DIA.									DATE FINISHED: 12/12/07			
					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	REMARKS							
										PID	Moist						
0	[Hatched]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.	SP	0.0	Dry						
1																	
2																	
3							Lt. Brown / Tan		2' to 5', Fine to coarse SAND, some fine gravel (poorly graded). No MGP impact.	GP		Dry					
4																	
5																	
6		S-2	Macro core		42"	Lt Brown / Orange		Loose, fine to coarse SAND, some 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' interval excavated by hand tools. SP and GP 0' to 5' used in CS-B-1. GP 5' to 9' used in CS-B-1 and GS-B-3 samples.								PROJECT NO.		11175065					
										BORING NO.		DGP-33					

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-34							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/12/07			
				DIA.										DATE FINISHED: 12/12/07			
				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	REMARKS							
										PID	Moist						
0	[Hatched Area]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.	SP	0.0	Dry						
1																	
2																	
3						Lt. Brown / Tan		2' to 5', Loose, fine to coarse SAND, some fine gravel. No MGP impact.	GP		Dry						
4																	
5																	
6			S-2	Macro core		42"	Lt Brown / Tan		Loose, fine to coarse SAND, some well 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' interval excavated by hand tools.								PROJECT NO.		11175065					
										BORING NO.		DGP-34					

URS Corporation										TEST BORING LOG							
PROJECT: KeySpan Hempstead MGP										BORING NO: DGP-35							
CLIENT: KeySpan										LOCATION: Area B							
BORING CONTRACTOR: Fenley and Nicol										JOB NO.: 11175065							
GROUNDWATER:										CAS.	SAMPLER	CORE	TUBE	TOTAL DEPTH: 9'			
DATE	TIME	LEVEL	TYPE	TYPE						Macrocore				DATE STARTED: 12/12/07			
					DIA.									DATE FINISHED: 12/12/07			
					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	REMARKS					
												PID	Moist				
0	[Hatched Area]	S-1	Grab			DK Brown		0' to 2', Loamy topsoil, very fine to fine SAND, some organic matter, trace fine gravel.			SP	0.0	Dry				
1																	
2																	
3						Lt. Brown / Tan		2' to 5', Loose, fine to coarse SAND, some fine gravel. No MGP impact.			GP		Dry				
4																	
5																	
6			S-2	Macro core			Lt Brown / Tan / Orange		Loose, fine to 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' interval excavated by hand tools.										PROJECT NO.		11175065			
												BORING NO.		DGP-35			