



# BORING LOG / WELL LOG

<b>BORE NUMBER:</b> SB-8	<b>LOCATION:</b> 261 Midland Ave., Lexington, KY
<b>DATE:</b> 6/1/2009	<b>WEATHER:</b> Sunny & 75
<b>LOGGED BY:</b> Liz Swasko	<b>DRILLED BY:</b> Chase Environmental
<b>DRILLING METHOD:</b> Geoprobe 66DT	<b>SAMPLING METHOD:</b> Macrocore
<b>ELEVATION:</b>	<b>GRAVEL PACK:</b>
<b>SEAL:</b>	

<b>CASING TYPE:</b>	<b>DIAMETER:</b>	<b>LENGTH:</b>	<b>WATER LEVEL INITIAL:</b>	<b>HOLE DIA:</b>
<b>SCREEN TYPE:</b>	<b>SLOT:</b>	<b>DIA:</b>	<b>WATER LEVEL COMPLETION:</b>	<b>TOTAL DEPTH:</b>

SAMPLE NO.	PID (ppm)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY / REMARKS	GRAPHIC LOG
	422	0 1 2 3 4 5	60%		Brick pieces and asphalt (fill material) top 1.25' then silty clay, dark brown, soft; no odor	
	417	6 7 8 9 10	80%		Dark brown, soft, silty clay grading to a hard, light brown, moist, clay with some black speckles and gravel pieces throughout; no odor	
SB-8 (10-13)	781	11 12 13 14 15 16 17 18 19 20	100%		Tight, light brown clay with some gray streaks, moist to wet bottom six inches; no odor	



# BORING LOG / WELL LOG

<b>BORE NUMBER:</b> SB-9/MW-4	<b>LOCATION:</b> 261 Midland Ave., Lexington, KY
<b>DATE:</b> 6/1/2009	<b>WEATHER:</b> Sunny & 75
<b>LOGGED BY:</b> Liz Swasko	<b>DRILLED BY:</b> Chase Environmental
<b>DRILLING METHOD:</b> Geoprobe 66DT	<b>SAMPLING METHOD:</b> Macrocore
<b>ELEVATION:</b>	<b>GRAVEL PACK:</b>
<b>SEAL:</b> Bentonite	

<b>CASING TYPE:</b> PVC	<b>DIAMETER:</b> 2"	<b>LENGTH:</b>	<b>WATER LEVEL INITIAL:</b> 6.98	<b>HOLE DIA:</b> 8.5-in
<b>SCREEN TYPE:</b> PVC	<b>SLOT:</b> 0.01	<b>DIA:</b> 2"	<b>LENGTH:</b> 5-ft	<b>WATER LEVEL COMPLETION:</b>
				<b>TOTAL DEPTH:</b> 11.01

SAMPLE NO.	PID (ppm)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY / REMARKS	GRAPHIC LOG
	2.8	0 1 2 3 4	60%		Brick pieces and asphalt (fill material) top 1.25' then silty clay, dark brown, soft; no odor	
SB-9 (5-10)	21.5	5 6 7 8 9	80%		Dark brown, soft, silty clay grading to a hard, light brown, moist, clay with some black speckles and gravel pieces throughout	
SB-9 (10-11)	31.3	10 11	100%		Tight, light brown clay with some gray streaks, moist to wet bottom six inches; no odor	
		12 13 14 15 16 17 18 19 20				



# BORING LOG / WELL LOG

<b>BORE NUMBER:</b> SB-10	<b>LOCATION:</b> 261 Midland Ave., Lexington, KY
<b>DATE:</b> 6/1/2009	<b>WEATHER:</b> Sunny & 75
<b>LOGGED BY:</b> Liz Swasko	<b>DRILLED BY:</b> Chase Environmental
<b>DRILLING METHOD:</b> Geoprobe 66DT	<b>SAMPLING METHOD:</b> Macrocore
<b>ELEVATION:</b>	<b>GRAVEL PACK:</b>
<b>SEAL:</b>	

<b>CASING TYPE:</b>	<b>DIAMETER:</b>	<b>LENGTH:</b>	<b>WATER LEVEL INITIAL:</b>	<b>HOLE DIA:</b>
<b>SCREEN TYPE:</b>	<b>SLOT:</b>	<b>DIA:</b>	<b>WATER LEVEL COMPLETION:</b>	<b>TOTAL DEPTH:</b>

SAMPLE NO.	PID (ppm)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY / REMARKS	GRAPHIC LOG
	285	0 1 2 3 4	60%		Brick pieces and asphalt (fill material) top 1.25' then silty clay, dark brown, soft; no odor	
SB-10 (5-10)	480	5 6 7 8 9	80%		Dark brown, soft, silty clay grading to a hard, light brown, moist, clay with some black speckles and gravel pieces throughout	
SB-10 (10-10.5)	412	10	100%		Soft, moist, clayey silt	
		11 12 13 14 15 16 17 18 19 20				



# BORING LOG / WELL LOG

<b>BORE NUMBER:</b> SB-11/MW-5	<b>LOCATION:</b> 261 Midland Ave., Lexington, KY
<b>DATE:</b> 6/1/2009	<b>WEATHER:</b> Sunny & 75
<b>LOGGED BY:</b> Liz Swasko	<b>DRILLED BY:</b> Chase Environmental
<b>DRILLING METHOD:</b> Geoprobe 66DT	<b>SAMPLING METHOD:</b> Macrocore
<b>ELEVATION:</b>	<b>GRAVEL PACK:</b>
	<b>SEAL:</b> Bentonite

<b>CASING TYPE:</b> PVC	<b>DIAMETER:</b> 2"	<b>LENGTH:</b>	<b>WATER LEVEL INITIAL:</b> DRY	<b>HOLE DIA:</b> 8.5-in
<b>SCREEN TYPE:</b> PVC	<b>SLOT:</b> 0.01	<b>DIA:</b> 2"	<b>LENGTH:</b> 5-ft	<b>WATER LEVEL COMPLETION:</b>
				<b>TOTAL DEPTH:</b> 10.15

SAMPLE NO.	PID (ppm)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY / REMARKS	GRAPHIC LOG
	0	0	50%		Concrete/gravel/asphalt (fill material) then light brown with red mottling, soft, gravelly, silty clay; no odor	
		1				
		2				
		3				
		4				
SB-11 (5-10)	428	6	65%		Dark brown with light brown and red mottling, slightly moist, soft silty clay; no odor	
		7				
		8				
		9				
SB-11 (10-10.6)	180	10	30%		Hard, light brown with gray and dark brown mottling, very slightly silty clay; no odor	
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				



# BORING LOG / WELL LOG

<b>BORE NUMBER:</b> SB-12/MW-6	<b>LOCATION:</b> 261 Midland Ave., Lexington, KY
<b>DATE:</b> 6/1/2009	<b>WEATHER:</b> Sunny & 75
<b>LOGGED BY:</b> Liz Swasko	<b>DRILLED BY:</b> Chase Environmental
<b>DRILLING METHOD:</b> Geoprobe 66DT	<b>SAMPLING METHOD:</b> Macrocore
<b>ELEVATION:</b>	<b>GRAVEL PACK:</b>
	<b>SEAL:</b> Bentonite

<b>CASING TYPE:</b> PVC	<b>DIAMETER:</b> 2"	<b>LENGTH:</b>	<b>WATER LEVEL INITIAL:</b> DRY	<b>HOLE DIA:</b> 8.5-in
<b>SCREEN TYPE:</b> PVC	<b>SLOT:</b> 0.01	<b>DIA:</b> 2"	<b>LENGTH:</b> 5-ft	<b>WATER LEVEL COMPLETION:</b>
				<b>TOTAL DEPTH:</b> 9.41

SAMPLE NO.	PID (ppm)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY / REMARKS	GRAPHIC LOG
	434	0 1 2 3 4	50%		Asphalt/gravel top 1.75 feet (fill material) then soft, dark brown gading to soft brown silty clay with small gravel pieces; no odor	
SB-12 (5-9.9)	1478	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	60%		Dark brown silty clay grading to hard, light brown clay with some gray-brown mottling, sand on bottom before limestone; no odor	



# BORING LOG / WELL LOG

<b>BORE NUMBER:</b> SB-14	<b>LOCATION:</b> 261 Midland Ave., Lexington, KY	
<b>DATE:</b> 6/1/2009	<b>WEATHER:</b> Sunny & 75	
<b>LOGGED BY:</b> Liz Swasko		<b>DRILLED BY:</b> Chase Environmental
<b>DRILLING METHOD:</b> Geoprobe 66DT		<b>SAMPLING METHOD:</b> Macrocore
<b>ELEVATION:</b>	<b>GRAVEL PACK:</b>	<b>SEAL:</b>

<b>CASING TYPE:</b>	<b>DIAMETER:</b>	<b>LENGTH:</b>	<b>WATER LEVEL INITIAL:</b>	<b>HOLE DIA:</b>
<b>SCREEN TYPE:</b>	<b>SLOT:</b>	<b>DIA:</b>	<b>WATER LEVEL COMPLETION:</b>	<b>TOTAL DEPTH:</b>

SAMPLE NO.	PID (ppm)	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY / REMARKS	GRAPHIC LOG
	443	0 1 2 3 4	60%		Asphalt/concrete (fill material) then soft, dark brown silty clay with gravel; no odor	
(SB-14 (5-10))	615	5 6 7 8 9 10	80%		Hard slightly moist brown clay with gray and black mottling; no odor	
		11 12 13 14 15 16 17 18 19 20				