RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: **B-501**

Project Name: IP - Champaign Former MGP		Elevation: 738.60'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012596.35	Coordinate Y: 1257400.40
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	48				0' Silty CLAY w/coal, ash, cinders, roots, moist. (Fill).	30.6	2.00	
						FI	1'4" - cinders ash, brick, fine gravel, dry-moist.	34.1		
							2'10" - light brown to yellow-brown mottling (Natural material) No fill.		1.25	LAB
735		MAC-2 4-8	100				4'4" - trace sand, roots, high plasticity, yellow-orange.			
	5							16.8	0.75	
							6'5" - light gray mottling	17	1.00	
							7'1" Sandy CLAY with fine to coarse sand, brown-gray, wet. 7'5" - black	20.4	0.75	
		MAC-3 8-12	100				8' - few blebs of tar-like material with sheen, slight tar-like odor, black, wet.	29.6	0.75	LAB
730						CL	9'1" Silty CLAY with trace sand, high plasticity, tar-like odor, moist.	5.8		
							9'7" - greenish-gray		0.75	
	10							2.8		
									2.75	
								30.8	2.75	
							12' - trace sand and gravel, medium to high plasticity.	22.3		

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-501

Project Name:	IP - Champaign Former MGP	Elevation: 738.60'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012596.35	Coordinate Y: 1257400.40
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	77			CL	13' - little sand and gravel (fine to coarse), medium plasticity, no hydro-carbon odor.	5.2	1.25	
725						SC	14'4" Clayey SAND (fine to medium) with gravel (coarse < 1"), black. 14'5" - Photo #214 (heavily stained, tar-like material, wet).	47.6		
	15						14'7" Silty CLAY with trace sand and gravel (fine to coarse), medium gray with yellow-orange mottling, slight tar-like odor, moist.	238	>.75	LAB
		MAC-5 16-20	100				16' - no odor, moist	36.6	>4.5	
								13.2	>4.5	
								2.8	>4.5	
720						CL		2.3	>4.5	
	20	MAC-6 20-24	100					1.8		
							21' - little sand (fine to coarse), trace gravel (< 1").	1.6	1.75	
								1.5	2.00	
								1.6	3.00	
715							24' - Termination of boring.	1.4		LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-502

Project Name:	IP - Champaign Former MGP	Elevation: 738.30'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012599.30	Coordinate Y: 1257476.07
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	77				0' Silty CLAY with few sand and fine gravel, roots, cinders, brick, no odor, moist. (Fill).	3.4	2.50	
						FI		3.7	3.00	
735							3' SAND fine to coarse with few gravel (fine), brick, ash, moist. (Fill).	4.6	2.25	LAB
		MAC-2 4-8	100				4' CLAY with sand and gravel, brick, ash, yellow-orange to light brown. (Fill).	10.6		
						FI	4'10" - brick layer (~80%) degraded.		3.50	
	5							9.9		
							5'5" CLAY, trace sand (fine to medium), medium plasticity, black, slight tar-like odor.	175	3.00	
						CL	7'1" - greenish-gray with black mottling; verticle fractures filled with tar-like material, tar-like odor, blocky fractures, moist.	217	2.25	LAB
730		MAC-3 8-12	100				8' Sand with gravel (fine to coarse), stained dark gray, wet.	216		
						SW	9' - tar-like odor.	21.6		
	10						9'8" Silty CLAY with trace sand and gravel (fine), green-gray, black mottling, slight tar-like odor, moist.	115	1.00	
							10'6" - some sand, stained black, heavy tar-like staining.			
						CL		389	0.50	
							11'6" - trace sand and gravel, green-brown, no staining.		0.75	
							12' - few sand (fine to coarse), trace fine gravel, tar-like material in fractures and voids. Photo #212.	468	>4.5	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-502

Project Name: IP - Champaign Former MGP		Elevation: 738.30'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012599.30	Coordinate Y: 1257476.07
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100							
725							13'1" - no staining or odor.	397	>4.5	
								79	>4.5	
	15						15' - trace sand and gravel (fine), medium gray with green-gray mottling, no odor.	108	>4.5	
		MAC-5 16-20	100				16' - trace fine to coarse sand and fine gravel, medium gray, no odor, moist.	65.2	>4.5	
								42.1	>4.5	
						CL				
720								45.8	>4.5	
								32.3	>4.5	
	20	MAC-6 20-24	100					16.6		
									3.75	
								12.7	3.75	
								10.7	>4.5	
715								9.5	4.50	
							24' Termination of boring.	10.2		LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-503

Project Name: IP - Champaign Former MGP	Elevation: 738.20'	Datum: Mean Sea Level	
Project Number: 62400053	Coordinate X: 1012662.32	Coordinate Y: 1257523.54	
Location: 502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in	
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	63				0' CLAY with silt, sand, and gravel, roots, moist. (Fill).			
							9" - sand and gravel. Photo #211.			
							1' - coal fines, ash, cinders, black.	4.9	<0.5	
							2'6" - wet.		0.75	
735						FI		100		LAB
		MAC-2 4-8	50							
	5									
								138		
							6'5" CLAY, trace sand, high plasticity, green-gray w/black mottling, slight tar-like odor, moist.		1.25	
							7' - black, moist.	42	1.00	
730		MAC-3 8-12	56				8' - slight staining, yellowish with hydro-carbon/tar-like odor.	40.3	2.25	
						CL				
	10						10' - dark gray with slight tar-like odor.	143	1.00	LAB
								156	1.75	LAB
							12' - dark gray, moist.	150		

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-503

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012662.32	Coordinate Y: 1257523.54
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	96				12'3" - <1/4" sand layer (fine to medium), black, heavy staining. 12'5" - <1/4" sand layer (fine to medium), black, heavy staining. 12'8" Silty CLAY with trace sand and fine gravel, green-gray, slight odor, moist.			
725								38	4.25	
							14' - light gray with brown/yellow mottling. 14'2" - light gray, no odor.	32.1	3.50	
							14'8" - 1/8" silt seam, black, heavily stained, slight tar-like odor.			
	15					CL		28.9	2.00	
							15'5" - greenish brown with black organics.		3.25	
		MAC-5 16-20	100				16' - light gray.	29.2		
									3.50	
720										
							18'5" - greenish-gray.		2.25	
								13.9		LAB
									3.50	
	20	MAC-6 20-24	88				20' - medium gray	11.4		
									2.50	
						CL		6.7		
									3.25	
								0.7		
									3.75	
715								4.2		
									3.00	
								1.6		

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-503

Project Name:	IP - Champaign Former MGP	Elevation: 738.20'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012662.32	Coordinate Y: 1257523.54
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100						3.50	
	25							1.6	3.50	
						CL		2.4	3.00	
								1.6	4.50	
710							28' - Termination of boring.	1.1		
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-504

Project Name:	IP - Champaign Former MGP	Elevation: 738.80'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012758.32	Coordinate Y: 1257493.15
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	73				0' Silty CLAY with sand, gravel, and roots, moist. (Fill).			
							1'5" - clay, coal, cinders, ash, gravel, black, tar-like odor, moist.	5.7		
							2'3" - wet.	3.6		
								15.9		LAB
735		MAC-2 4-8	63			FI	4' - gravel, brick, ash, cinder, black, heavily stained tar-like material with strong tar-like odor, wet. (Fill).	223		
	5									
								530		LAB
							7'6" CLAY, green-gray, high plasticity, lightly stained w/tar-like material, slight odor, moist.		1.25	
		MAC-3 8-12	88				8' - dark gray with gray-green mottling, trace tar-like blebs in voids and fractures.	43.7		
730								56.5	2.00	
							9'4" - medium gray.			
	10					CL		169	1.75	
							11' - medium gray with orange-brown mottling, few tar-like blebs and stringers in voids, strong odor, moderately stained. Photo #210.	189	0.50	
							12' - grey green.	565	4.00	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-504

Project Name: IP - Champaign Former MGP	Elevation: 738.80'	Datum: Mean Sea Level	
Project Number: 62400053	Coordinate X: 1012758.32	Coordinate Y: 1257493.15	
Location: 502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in	
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100			SC	12'3" - Clayey SAND (fine), heavily stained with tar-like material.			
							13' Silty CLAY with trace sand and gravel, gray-green, heavily stained with tar-like material, strong tar-like odor.	563		
725								860	3.75	LAB
	15						15' - no visible staining. slight tar-like odor.	763	4.00	
						CL				
		MAC-5 16-20	100					159	4.50	
							16'9" - little fine sand, trace gravel (fine to coarse), medium gray, moderate staining. Tar-like material in voids and fractures and around gravel (through 20' depth), strong odor.	357	4.50	
								575	4.25	
720								566	4.50	
	20	MAC-6 20-24	100				20' - few sand and gravel (fine to coarse), medium gray.	175	>4.5	
						CL				
							20'11" - fine sand lense 1/2" thick, heavily impacted with tar-like material, black, strong tar-like odor.	1101	>4.5	LAB
								187	>4.5	
								742	>4.5	
715							24' - little sand and gravel (fine to coarse), no staining, slight odor.	310	>4.5	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

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BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-504

Project Name: IP - Champaign Former MGP		Elevation: 738.80'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012758.32	Coordinate Y: 1257493.15
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/13/04	Date Completed: 07/13/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
	25	MAC-7 24-28	100			CL	26' - no odor.	85.6	>4.5	
								44	>4.5	
								19	>4.5	
710	30						28' - Termination of boring.	8.2	>4.5	LAB
705	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-505

Project Name: IP - Champaign Former MGP		Elevation: 738.60'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012765.45	Coordinate Y: 1257454.16
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/14/04	Date Completed: 07/14/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	92				0' Silty CLAY with trace sand and trace gravel, roots, trace brick, medium -dark brown, moist. (Fill).			
							1' - trace coal, cinders.	9.7		
							2' - 1 1/2" seam of cinders at 22".	6.9	2.00	
							2'6" - ash, sand (tan), fine gravel.			
							3' - ash, dark gray-black, moderate staining with tar-like material, wet. (Fill).	46.2		LAB
735						FI				
		MAC-2 4-8	67				4' - cinders, ash (very coarse), black, heavily stained tar-like material with strong tar-like odor, wet. (Fill).	345		
	5							249		
								393		LAB
							7' Sandy CLAY, very soft, black, heavy staining.			
							7'3" - dark gray, high plasticity, moist.	148	1.50	
		MAC-3 8-12	75				8' CLAY, high plasticity, trace tar-like material in voids and fractures, moderate tar-like odor, occasional yellow-orange mottling, moist.	155	1.75	
730										
						CL		48.7	1.50	
	10							151	1.00	
								202	0.75	LAB
								81.3		

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-505

Project Name: IP - Champaign Former MGP		Elevation: 738.60'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012765.45	Coordinate Y: 1257454.16
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/14/04	Date Completed: 07/14/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12'8" CLAY w/trace sand and gravel (fine to coarse),high plasticity, no staining or odor, moist.			
							13' Silty CLAY w/trace sand and gravel, gray-green, heavily stained with tar-like material, strong odor.	109	1.50	
725						CL	13'6" - no staining or odor, low plasticity, moist.			
								131	4.25	
	15							60.9	2.75	
		MAC-5 16-20	100				16' - green-gray with little tar-like material in voids and fractures, slight tar-like odor.	11.2	>4.5	
							16'3" - no staining, slight odor.			
								56.5	3.75	
								82	1.50	
720										
							19' - little sand and gravel (fine to coarse), tar-like material in voids/fractures (trace-little).	158	3.75	
	20	MAC-6 20-24	100					17	4.00	
						CL		25.1	0.50	
							21'6" - trace sand and gravel (fine to coarse), green-gray w/trace tar-like material in voids, slight odor, very moist.		0.75	
							22' - no staining or odor.	2.7	2.75	LAB
								1.4	4.25	
715							24' - trace-little sand and gravel (fine to coarse), medium gray, medium-low plasticity, moist.	1.4	4.00	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-505

Project Name: IP - Champaign Former MGP		Elevation: 738.60'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012765.45	Coordinate Y: 1257454.16
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/14/04	Date Completed: 07/14/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100							
	25					CL		9.9	2.50	
								5.8	3.00	
								3.7	4.25	
							28' - Termination of boring.	5.8	3.25	LAB
710										
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-506

Project Name: IP - Champaign Former MGP		Elevation: 738.27'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012825.34	Coordinate Y: 1257384.15
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	81				0' FILL, clay, gravel (fine-coarse), cinders, ash, roots, dark-brown to black, moist. (Fill)	1.1	3.50	
								1.7	0.75	
						FI				
735							3' - tar-like odor.	3.6	1.25	LAB
		MAC-2 4-8	83					107	1.50	
	5						5' Silty CLAY with trace gravel (fine), moderate staining, black .	138	1.75	
							5'6" - light gray/greenish gray with mottling.	348	0.75	
						CL				
							7' - moderate staining with tar-like material in voids and fractures.	431	1.00	LAB
730		MAC-3 8-12	31				8' Clayey SAND, heavily stained, wet.	218	1.25	
								272		
						SC				
	10							272		
							10'7" Silty CLAY with trace roots.			
						CL		272		
						SC	11'2" Clayey SAND (fine to coarse) with gravel (fine to coarse).			
						CL	11'6" Silty CLAY with few sand, heavily stained, black, wet.			
						SC	11'10" Clayey SAND, dark gray to black.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-506

Project Name: IP - Champaign Former MGP		Elevation: 738.27'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012825.34	Coordinate Y: 1257384.15
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12' Silty CLAY with trace fine sand and trace fine gravel, greenish gray/brown, light tar-like odor, moist.	273		
							12'6" - tar-like material in fractures.			
725								607		
						CL				
							14'2" - no tar-like material, moderate odor, light brown to greenish gray.	1537		
							14'9" - light to moderate staining.			
	15							509		
						SP	15'5" SAND (fine to coarse) ~ 1/2" with trace gravel.			
						CL	15'6" Silty CLAY, tar-like material in voids and fractures.			
						SC	15'10" Clayey SAND (1" layer, fine to medium), poorly graded, heavily stained.			
		MAC-5 16-20	100			SP	16' SAND (fine to coarse).	1557		
						SC	16'3" Sandy CLAY (fine to medium sand).			
							16'5" Silty CLAy			
						CL		1865		LAB
						SW	17'10" SAND (fine to coarse) well graded with trace gravel, heavy staining.	1592		
720							18'5" Silty CLAY, medium gray.			
							19' - No staining, no odor.	1752	>4.5	
	20	MAC-6 20-24	100					29.6	>4.5	
						CL		5.5	>4.5	
								5.6	3.25	
715								12.3	4.25	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-506

Project Name: IP - Champaign Former MGP		Elevation: 738.27'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012825.34	Coordinate Y: 1257384.15
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100					9.4	>4.5	
	25							7.7	4.00	
								1.1	4.25	
									4.25	
710							28' Termination of boring.	2.0	4.00	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-507

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012864.63	Coordinate Y: 1257412.37
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/21/04	Date Completed: 07/21/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	77				0' Silty CLAY, gravel, brick, roots, dark brown, moist. (Fill)			
							10" - 1.25" rock.	1.8	2.50	LAB
						FI				
							1'8" - cinders.			
							2'2" - few fine to coarse gravel.	1.2	0.50	
735							3' - trace >.75" gravel, light tar-like staining, wet.	1.6	3.25	
						FI				
		MAC-2 4-8	96				4'2" - dark gray-black with slight hydrocarbon/tar-like odor, moist.	45.6	1.25	
	5						5' - dark gray mottled with black and orange.	34.3	1.00	
						CL	5'6" - tar-like material in voids and fractures, moderate staining.			
								218	1.50	
								186	1.50	
730		MAC-3 8-12	90				8' - trace fine sand and fine to coarse gravel, tar-like material in voids and fractures.	243	1.50	LAB
								24.7	0.75	
							9'6" - no staining in voids and fractures, slight odor.			
	10						10' - trace fine to medium gravel, yellow-orange to brown.	44	1.25	
						CL				
								15	2.75	
							11'9" - tar-like material in voids and fractures.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: **B-507**

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012864.63	Coordinate Y: 1257412.37
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/21/04	Date Completed: 07/21/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12' - greenish gray.	23.8	>4.5	
							12'10" - no staining, slight odor.			
725							13' - tar-like material in fractures.	71.9	3.00	
								16.4	2.25	
						CL	14'4" - light-medium gray, no odor.			
							14'10" - gravel layer, fine (1-2" thick), heavily stained.			
	15						15' - no staining.	9.3	2.75	
		MAC-5 16-20	81					35.9	3.40	
								23.0		
							17'4" SAND (12" layer) (fine-medium) with clay, poorly graded, heavily stained.			
						SC				
720								30.1	<0.5	
							18'4" Silty CLAY with some sand, light gray, moist.			
								2163	>4.5	LAB
	20	MAC-6 20-24	100			CL	20'3" - trace coarse gravel, no staining, no odor.	20.5	>4.5	
								1.5	1.75	
							21'6" Clayey SAND (1/2" lens, fine-medium) poorly graded.			
							21'7" Silty CLAY, trace fine-medium sand and fine gravel.			
								1.2	2.00	
						CL				
715								1.3	2.00	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-507

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012864.63	Coordinate Y: 1257412.37
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/21/04	Date Completed: 07/21/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100					1.2	1.25	
	25							0.8	1.50	
						CL		0.7	2.50	
								0.4	2.50	
710							28' Termination of boring.	0.5	3.50	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-508

Project Name: IP - Champaign Former MGP		Elevation: 738.50'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012938.55	Coordinate Y: 1257433.70
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	79				0' Silty CLAY w/gravel and roots, dark brown, moist. (Fill)			
								2.9	1.75	
								4.4	2.75	
						FI				
							3' - cinders, brick, black.	6.3	1.25	LAB
735										
		MAC-2 4-8	71				4' - coarse cinders and gravel, light odor, wet. (Fill)	5.4	1.75	
	5							60.1	1.50	
							5'6" - dark gray-black, moderate tar-like staining in voids and fractures.			
								80	1.25	
						CL		121	2.00	
		MAC-3 8-12	100					220	2.50	
730							8'10" - greenish gray with orange mottling.			
								294	1.25	LAB
	10									
							10'4" Sandy CLAY (fine sand).	190	2.00	
						CL	10'8" Silty CLAY, greenish gray.			
								361	1.50	LAB
							11'5" - heavy staining with tar-like material.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-508

Project Name: IP - Champaign Former MGP		Elevation: 738.50'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012938.55	Coordinate Y: 1257433.70
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12' Sandy CLAY with fine sand, trace gravel.	106	3.25	
							13' Silty CLAY, light brown.	9.7	3.75	
725						CL	13'11" - greenish gray			
							14' - with sand.	6.3	3.25	
							14'3" - medium gray.			
	15							5.3	4.50	
		MAC-5 16-20	100				16' Silty CLAY with trace gravel.	3.9	4.50	
								9.9	2.50	
							18' - trace fine sand.	9	3.00	
720						CL				
							19' - trace coarse gravel >.75".	2.3	>4.5	
	20	MAC-6 20-24	100				20' - olive gray.	3.2	>4.5	
								3.4	2.75	
								5.6	3.00	
						CL				
								5.2	4.25	
715							24' - few fine sand and trace fine gravel, medium gray.	4.9	4.50	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-508

Project Name:	IP - Champaign Former MGP	Elevation: 738.50'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012938.55	Coordinate Y: 1257433.70
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
	25	MAC-7 24-28	0			CL		4.3	2.00	
								7.0	4.00	
								6.4	4.00	
710							28' Termination of boring.	2.5	2.50	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-509

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012918.26	Coordinate Y: 1257355.34
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/21/04	Date Completed: 07/21/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	100				0' Silty CLAY with fine-coarse sand and little fine to coarse gravel, roots, dark brown, moist. (Fill)	0.5	<0.5	
						FI		0.7	<0.5	
735								0.9	<0.5	LAB
							3'6" - no sand			
		MAC-2 4-8	83					0.8	0.75	
							4'5" - trace brick.			
	5							1.2	0.75	
							5'5" - light brown with dark brown and orange mottling.			
							6' - greenish gray with dark brown and orange mottling.	1.0	1.50	
						CL	7' - light tar-like staining in fractures.	0.3	1.25	
730		MAC-3 8-12	100				8' - trace fine sand and little fine to coarse gravel, no staining, wet.	13.1	1.00	LAB
							9' - tar-like material in fractures and voids, moist.	0.4	0.50	
							9'2" Clayey SAND (fine-medium) w/trace fine-coarse gravel, heavy staining w/tar-like material.			
	10					SC	10' - wet.	10.9	<0.5	
							10'10" Silty CLAY with trace fine-medium gravel, light orangish-brown, no odor.			
							11' - moist.	26.1	1.75	
						CL		8.8	2.50	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-509

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012918.26	Coordinate Y: 1257355.34
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/21/04	Date Completed: 07/21/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	98					6.3	3.50	
725								6.2	3.25	
	15					CL	15' - light to medium gray.	3.7	4.00	
		MAC-5 16-20	100					1.9	3.25	
							17'4" SAND (2" layer) fine-medium, moist. 17'6" Silty CLAY with trace fine sand and fine to medium gravel, light brown, moist.	41.1	>4.5	
720						SM	18' - medium gray. 18'2" SAND, fine-medium, lightly stained, wet. 18'6" Silty CLAY, trace fine to medium sand, medium gray, moist.	42.6		LAB
								2.3	>4.5	
	20	MAC-6 20-24	100					19.3	3.00	
						CL	21' - some medium to coarse gravel.	11.7	3.75	
							21'7" - trace fine to medium gravel.	1.3	>4.5	
715								1.3	>4.5	
								0.6	2.75	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-509

Project Name:	IP - Champaign Former MGP	Elevation: 738.20'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012918.26	Coordinate Y: 1257355.34
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/21/04	Date Completed: 07/21/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
	25	MAC-7 24-28	88			CL		0.3	>4.5	
						SP	25'8" SAND fine-medium, poorly graded, moist.			
							26'1" Silty CLAY with trace fine to medium gravel, light to medium gray, moist.	0.2	1.50	
						CL		0.3	4.25	
710							28' Termination of boring.	0.5	4.00	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-510

Project Name:	IP - Champaign Former MGP	Elevation: 737.70'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012944.37	Coordinate Y: 1257255.84
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	96				0' SILTY CLAY with gravel and roots, dark brown, moist (Fill).			
							1'3" - cinders, ash, black, wet	3.1	3.25	
						FI	1'7" - clay, cinders, black, moist.			
								21	2.25	LAB
735							2'10" - trace sand, black, medium plasticity, occasional fractures, moist.			
							3' - orange-brown mottling.	12	2.50	
		MAC-2 4-8	100				4'3" - trace sand & fine gravel, olive gray.	4.0	2.50	
	5							5.9	2.50	LAB
						CL	6' - medium plasticity, greenish gray	5.8	2.00	
							7' - light gray with orange-brown mottling.	2.5	1.75	
730							7'9" CLAYEY SAND, fine - coarse, greenish gray, wet			
		MAC-3 8-12	77					3.9	1.75	
						SC				
	10							3.7		
							11' CLAY, greenish gray, high plasticity, very soft.	5.5	0.75	
						CL	11'5" SILTY CLAY, trace sand and gravel, yellow-orange w/light gray mottling, medium plasticity.		3.25	
							11'9" - little sand and gravel, very hard, green-brown, with gray mottling.		>4.5	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-510

Project Name: IP - Champaign Former MGP		Elevation: 737.70'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012944.37	Coordinate Y: 1257255.84
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	92				12' - very soft, wet.	10.2		LAB
725						CL	13' - very hard, moist.	1.7	0.75	
							13'7" - light gray	1.9	>4.5	
	15						15' - little sand and gravel (fine - coarse sand, fine gravel), medium gray, very hard, dry	3.6	>4.5	
		MAC-5 16-20	98			CL	16'2" - greenish brown, moist	3.3	>4.5	
									1.50	
							17' - medium gray	4.9	>4.5	
720								2.1	>4.5	
								3.2	>4.5	
						CL				
	20	MAC-6 20-24	100					3.8	>4.5	
								6.5	>4.5	
								5.3	>4.5	
715						CL		4.2	>4.5	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-510

Project Name:	IP - Champaign Former MGP	Elevation: 737.70'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012944.37	Coordinate Y: 1257255.84
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	81				24'3" - trace sand & gravel, soft, high plasticity, moist	6.0	>4.5	
	25							7.7	1.75	
						CL	25'8" - little to few sand (fine-coarse) and gravel (fine), medium plasticity, moist	8.1	<0.3	
								3.1	1.50	
710							28' Termination of boring.	5.5	0.75	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-512

Project Name: IP - Champaign Former MGP		Elevation: 737.80'	Datum:
Project Number:		Coordinate X: 1012745.98	Coordinate Y: 1257223.40
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	73			FI	0' FILL with silty clay, sand and gravel (fine gravel), roots, dark brown, moist. (Fill)			
							9" CLAY with sand, gravel, slag, slight tar-like odor.	12.6	3.00	
								24		
735							2'11" - trace sand black, high plasticity, moist,	27		LAB
		MAC-2 4-8	100					92	3.00	
							4'5" Silty CLAY with trace sand and gravel, medium plasticity, medium gray, moist.			
	5					CL		57	1.25	
							6' - greenish gray with brown and gray mottling, hydrocarbon odor, wet.	465	2.50	
								455	2.25	
730		MAC-3 8-12	77				8'2" - high plasticity, dark gray, strong hydrocarbon odor, wet.	494	3.00	LAB
								424	1.50	
									<0.5	
	10					SC	9'10" Clayey SAND seam (2"), fine to coarse, dark gray, wet			
							10' Silty CLAY, medium plasticity, greenish-brown with light gray mottling, moist.	440	0.75	
						CL		265	0.75	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-512

Project Name: IP - Champaign Former MGP		Elevation: 737.80'	Datum:
Project Number:		Coordinate X: 1012745.98	Coordinate Y: 1257223.40
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	92				12' - little sand (fine to coarse) and fine gravel, greenish-brown, moist.	45.7	>4.5	
725							13' - no odor.	22	1.25	
							14'1" - 1/4" sand seam, wet.	12.3	4.50	
	15						14'8" Silty CLAY with medium gray mottling. 15' - trace sand and gravel, medium gray with yellow-orange mottling along fractures.	13.6	4.50	
		MAC-5 16-20	75			CL	16' - medium gray, moist.	9.4	>4.5	
							17' - trace sand and gravel (fine - coarse).	8.4		
720								9.4	4.50	
								5.6	3.50	
	20	MAC-6 20-24	54			CL	20' - low-medium plasticity	9.6	3.00	
								8.4	2.00	
							22'4" - 1.75" rock.		2.75	
715									2.75	
							24' Termination of boring.	6.2		LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-513

Project Name:	IP - Champaign Former MGP	Elevation: 738.30'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012634.48	Coordinate Y: 1257221.97
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	88				0' Silty CLAY with trace sand and roots, dark brown, moist. (Fill).			
						FI	1'4" - cinders, ash, brick, fine gravel, dry-moist.	3.9	1.75	
							2'2" Silty CLAY with trace sand, roots, low plasticity, black.	4.4	1.75	LAB
							2'9" - dark brown with light brown mottling, moist.			
735							3'2" - medium brown with yellow-orange mottling.	3.7	2.00	
							3'8" - yellow-orange with medium brown mottling, occasional roots vertically.		3.00	
		MAC-2 4-8	100				4'4" - light gray w/yellow-orange mottling, roots.	11		
	5					CL		7.7	2.00	
							6' - trace sand and gravel, high plasticity, very moist.	5.4	1.25	
							6'5" - little sand and gravel (fine - coarse sand and fine gravel), wet.			
							6'9" - few sand and gravel, strong hydrocarbon odor, wet.			
							7' - hydrocarbon odor.	6.2		
									0.75	
		MAC-3 8-12	100				8' - yellow-orange.	420		LAB
730							8'4" Clayey SAND (fine - medium), strong hydrocarbon odor, black, wet.			
						SC				
							9'4" Silty CLAY w/trace sand, very soft, high plasticity, greenish brown with light gray mottling, moist.	245	<0.3	
	10							178	0.50	
						CL		23.7	1.25	
								31.5	2.75	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-513

Project Name: IP - Champaign Former MGP		Elevation: 738.30'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012634.48	Coordinate Y: 1257221.97
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/12/04	Date Completed: 07/12/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	67			CL				
725							13' - little sand and gravel (fine to coarse), medium plasticity, no hydrocarbon odor.	7.6	2.75	
							14'2" - 1/8" sand seam (fine to coarse), wet.	8.3	2.75	
	15						15' - occasional yellow-orange mottling along fractures.	2.6	2.75	
		MAC-5 16-20	73			SP	16' SAND seam (1/2") (fine to coarse), wet.	6.7	3.25	
							16'6" Silty CLAY with trace fine to coarse sand and gravel, low plasticity, medium gray, moist.	4.5		
720								3.8	3.75	
								8.0	3.75	
	20	MAC-6 20-24	83			CL		4.8	>4.5	
								1.0		
								7.1	3.25	
715								5.2	2.75	
							24' Termination of boring	5.0	3.00	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-514

Project Name:	IP - Champaign Former MGP	Elevation: 738.30'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012723.21	Coordinate Y: 1257359.07
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	50				0' CLAY, gravel (fine-coarse), brick slag, cinders, dark brown, moist. (Fill)	3.6	0.50	
								6.4	<0.5	
735						FI	3' - dark gray to black.	19.7	0.50	LAB
							3'6" - coarse gravel, heavy hydrocarbon staining, wet.			
		MAC-2 4-8	69				4' - gravel (fine-coarse)	7.9	1.25	
	5							12.2	0.50	
							6' Silty CLAY with trace sand, dark gray-black, no staining, slight tar-like odor, moist.	22.4	1.75	
							6'10" - light gray turning greenish gray with black mottling.	38	1.50	
730		MAC-3 8-12	52					251	1.75	LAB
						CL		74	1.00	
	10						10' - tar-like material in voids and fractures	174	1.00	
								164	1.00	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-514

Project Name: IP - Champaign Former MGP		Elevation: 738.30'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012723.21	Coordinate Y: 1257359.07
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100			SC	12' Clayey SAND (fine-coarse) with trace gravel, dark gray to black, heavily stained with tar-like material, wet.	248	0.50	
							12'6" Silty CLAY with some sand, greenish gray	464	0.50	
725						CL	13'10" - trace sand (fine) and gravel, moist.	632	3.50	
	15							332	3.00	
							15'4" - sand seam (1") (fine-coarse), poorly graded, heavily stained with tar-like material.			
		MAC-5 16-20	94			SP	16' SAND with few clay, heavily stained with tar-like material.	965	1.25	
							17' Silty CLAY with Verticle sand seam	1021	0.75	LAB
							17'6" - trace sand (fine) and gravel, moist.			
720								662	3.25	
								419	3.75	
	20	MAC-6 20-24	100			CL	20' - medium gray, moist.	7.8	>4.5	
								1.5	2.75	
								1.2	3.00	
715								0.9	4.00	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-514

Project Name:	IP - Champaign Former MGP	Elevation: 738.30'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012723.21	Coordinate Y: 1257359.07
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	98					1.6	2.75	
	25					CL		25.9	2.75	
								34.8	2.50	
								9.7	3.50	
710							28' Termination of boring.	11.7	2.50	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-515

Project Name: IP - Champaign Former MGP		Elevation: 738.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012777.17	Coordinate Y: 1257427.29
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/16/04	Date Completed: 07/16/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	88				0' Silty CLAY with fine-coarse sand and fine-coarse gravel, medium brown, no odor, moist. (Fill)	15.2	2.25	
							2'2" - sand, silt, gravel, yellow-orange, dry.	7.7	1.50	LAB
							3' - clay, ash, cinders, gravel, black.	2.2	1.50	
735							3'4" - slight tar-like odor, wet.			
		MAC-2 4-8	33			FI		335		
	5							260		
								319		
								333		LAB
							7'7" CLAY, high plasticity, dark gray, slight tar-like odor.			
		MAC-3 8-12	73				8' Silty CLAY with trace fine sand and fine gravel, high plasticity, brown-green, tar-like material in voids and fractures, moderate tar-like odor.	92.3	1.75	
730								151	1.75	
						CL				
	10							223	1.25	
								202	2.00	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: B-515

Project Name: IP - Champaign Former MGP		Elevation: 738.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012777.17	Coordinate Y: 1257427.29
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/16/04	Date Completed: 07/16/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12' - little fine sand and fine gravel, brown-gray to green-brown, light staining with tar-like material in voids and fractures, moist.	277	2.25	
								374	4.00	
725								391	3.75	
	15						14'10" - blocky structure, non plastic, dry.			
							15'3" - green-gray, moist.	549	3.50	
						CL				
		MAC-5 16-20	100					853	4.50	
							16'8" - dark gray, moderate staining with tar-like material in voids and fractures; moderate odor.			
								1031	4.50	
								1291	>4.5	
720										
								1404	3.50	LAB
	20	MAC-6 20-24	100				20' Sandy CLAY, fine-medium, wet.	1348	4.50	
						CL				
							21'3" Silty CLAY with little fine sand and fine gravel, medium gray, no tar-like material visible, slight odor, moist.	125	<0.5	
								461	>4.5	
							23' - trace tar-like material in fracture.	241	>4.5	
715										

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-515

Project Name: IP - Champaign Former MGP		Elevation: 738.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012777.17	Coordinate Y: 1257427.29
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/16/04	Date Completed: 07/16/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	67				24' - little to few sand and gravel, medium plasticity, no visible tar-like material or odor.	377	>4.5	
	25							108	2.75	
						CL		82.6	3.25	
								72.1	3.00	
		MAC-8 28-32	100					1.4	3.00	
710										
								0.7	2.50	
						CL				
	30						30' - little fine-coarse sand and gravel, medium gray, moist.	0.4	1.75	
							31' - few fine-coarse sand and gravel, low-medium plasticity.	0.5	1.50	
							32' Termination of boring.	0.8	2.50	LAB
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-516

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012824.38	Coordinate Y: 1257345.84
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	96				0' FILL, clay, silt, sand (fine-coarse), gravel (fine-coarse), crushed rock, roots, dark brown, moist.			
							1' - few sand (9" layer).	2.7	0.75	
						FI	2' - cinders, light tar-like odor.	2.5	1.00	
							2'9" - trace sand (fine) and trace gravel, trace brick, dark gray to black.			
735								3.6	1.25	LAB
		MAC-2 4-8	100				4'3" - moderate tar-like odor.	76.5	2.00	
	5							200	1.00	LAB
						FI	6' - tar-like material in voids and fractures.	101	1.75	
								120	0.75	
730		MAC-3 8-12	75				8' Silty CLAY with little sand (fine), no visible contamination, light brown with light gray and yellowish-orange mottling, moist.	34.8	1.00	
						CL		14.7	1.25	
							9'10" - tar-like material in voids and fractures.			
	10					SP	10'3" SAND (4" layer) (fine-coarse) poorly graded, moist.	36.9	3.00	
							10'7" Silty CLAY with trace sand (fine), trace gravel (fine-coarse), little to no odor, no visible tar-like material, greenish gray-light brown.			
						CL		5.5	3.75	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-516

Project Name: IP - Champaign Former MGP		Elevation: 738.20'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012824.38	Coordinate Y: 1257345.84
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/22/04	Date Completed: 07/22/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12' - light staining along fractures 12'2" - no visible tar-like material or odor.	10	3.25	
725								8.2	3.50	
							13'8" SAND seam (1/4-1/2") (fine-coarse), heavily stained. 13'8.5" Silty CLAY with trace fine sand, trace fine-coarse gravel, tar-like material in fracturesand voids.			
							14' - no staining or odor	168	3.75	LAB
	15							53.8	4.00	
						CL				
		MAC-5 16-20	100				16' - medium gray, moist.	5.1	4.25	
								4.5	3.00	
720								4.2	3.00	
								3.3	2.00	
	20	MAC-6 20-24	100					3.8	1.50	
						CL		15.4	2.75	
								12.9	2.75	
715								8.3	4.25	
							24' Termination of boring.	2.8	4.00	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-550

Project Name: IP - Champaign Former MGP		Elevation: 737.30'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012670.00	Coordinate Y: 1257553.04
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	67				0' Silty CLAY with gravel, brick, roots, dark gray-black, moist. (Fill)	2.1	0.75	
735						FI	2'4" - fine-coarse gravel, petroleum odor, wet.	2.3	0.75	
							3'4" - dark gray-black mottled with greenish gray, tar-like odor.	53.8	1.00	LAB
		MAC-2 4-8	81				4' - black mottled with light gray mottling, heavy staining with hydrocarbon like material (degraded).	84	1.00	
	5						4'10" - fibrous material. (Fill) 5' Silty CLAY	69.3	2.00	
								39.6	1.75	
730								65.6	1.75	
		MAC-3 8-12	96			CL	8' - roots, light staining. 8'2" - tar-like material in voids and fractures.	18.3	2.00	
								105	<0.5	LAB
	10							75.8	0.75	
							10'5" - light gray-greenish gray with orange mottling, heavily stained.			
								164	1.00	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-550

Project Name: IP - Champaign Former MGP		Elevation: 737.30'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012670.00	Coordinate Y: 1257553.04
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
725		MAC-4 12-16	81				12'5" Sandy CLAY layer with fine-coarse sand and trace gravel, greenish gray, heavily stained, wet. 12'8" Silty CLAY w/trace fine-coarse gravel.	133	0.50	
								125	0.50	
							13'7" - greenish gray with light gray and orange mottling. 13'11" - moist.	91	3.25	
	15					CL		13.3	2.75	
		MAC-5 16-20	94					2.4	3.25	LAB
720							17' - greenish gray with orange mottling and slight tar-like odor.	2.0	2.00	
							18' - no odor.	1.2	2.75	
								1.3	2.50	
	20	MAC-6 20-24	100			CL		1.2	4.00	
							21' - medium gray.	0.5	1.25	
715								0.8	3.50	
								0.3	3.75	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-550

Project Name: IP - Champaign Former MGP		Elevation: 737.30'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012670.00	Coordinate Y: 1257553.04
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
	25	MAC-7 24-28	50			CL		0.6	2.75	
								0.6	2.00	
								0.3	>4.5	
710								0.6	1.75	
							28' Termination of boring.	0.4	3.00	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-551

Project Name:	IP - Champaign Former MGP	Elevation: 737.90'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012720.53	Coordinate Y: 1257553.39
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	67				0' FILL, coal and coal fines, brick, cinders, trace fine gravel, dark brown. (Fill)			
								1.2		
						FI		11.5		
735							3'3" - dark brown with black mottling, wet.	16.4	2.25	LAB
		MAC-2 4-8	0				4' - no recovery, wet. (Fill)	20.7		
	5									
						NR				
730		MAC-3 8-12	100				8' - cinders mixed w/black clay, high plasticity, slight tar-like odor, wet.			
							9' CLAY, high plasticity, black.	60.2	1.50	
							9'6" - medium gray with black mottling, wet.			
	10							146	1.50	LAB
						CL				
							11' - trace fine sand, trace tar-like material in voids and fractures, slight odor.	57.7	1.50	
							11'8" Sandy CLAY (fine to medium sand) with heavy staining, strong odor, wet.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-551

Project Name: IP - Champaign Former MGP		Elevation: 737.90'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012720.53	Coordinate Y: 1257553.39
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100				12' Silty CLAY with trace fine to coarse sand and fine gravel, green-gray with orange-brown mottling, low-medium plasticity, trace tar-like material in voids and fractures, moist.	183		
725								54.8	>4.5	
							13'5" - little sand and gravel, light gray with no tar-like material or odor, dry.			
								29.1	>4.5	
	15					CL		13.7	>4.5	
		MAC-5 16-20	79				16' - trace fine to coarse sand and fine gravel, medium gray, slightly moist-dry.	11.8	>4.5	LAB
								3.2	>4.5	
720								6.2	>4.5	
								3.3	>4.5	
	20	MAC-6 20-24	100			CL	20' - little fine to coarse sand and fine gravel, low plasticity, medium gray.	1.1		
								39.6	>4.5	
								17.3	>4.5	
715								8.9	>4.5	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-551

Project Name:	IP - Champaign Former MGP	Elevation: 737.90'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012720.53	Coordinate Y: 1257553.39
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100			CL		4.4	>4.5	
	25							2.0	>4.5	
								3.6	3.50	
								3.0	4.00	
710							28' Termination of boring.	3.9	4.00	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-553

Project Name: IP - Champaign Former MGP	Elevation: 737.80'	Datum: Mean Sea Level	
Project Number: 62400053	Coordinate X: 1012778.31	Coordinate Y: 1257534.21	
Location: 502 E. Hill St. Champaign, Illinois	Total Depth: 32.00'	Borehole Dia.: 2.25in	
Date Started: 07/14/04	Date Completed: 07/14/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	85				0' SAND, coal fines, cinders, fine-coarse gravel, dark brown, moist. (Fill).	3.1	<0.5	
							1'11" - no sand, brick, black.	4.7		
							2'5" - slight tar-like odor, wet.			
735						FI	3' - sand, coal fines, cinders, black.	20.3	2.75	LAB
		MAC-2 4-8	100					384		
	5						5'3" CLAY, high plasticity, black, heavily stained, strong tar-like odor, moist.	303		
								364	3.75	LAB
							7'2" - light gray along fractures.	308	2.75	
730		MAC-3 8-12	100			CL	8' Silty CLAY with trace sand and gravel (fine), tar-like material in voids and fractures, moist.	86.7	2.75	
	10							99.8	0.75	
							11'6" - green-gray.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-553

Project Name: IP - Champaign Former MGP		Elevation: 737.80'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012778.31	Coordinate Y: 1257534.21
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/14/04	Date Completed: 07/14/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	88				12' - 1/4" fine to medium sand seam, heavily stained.	188	2.25	
							12'6" - brown-gray, low plasticity.			
725							13' Silty CLAY w/trace to little sand and gravel, low plasticity, tar-like material in voids and fractures, moderately stained, moist.	225	4.00	
						CL		547	3.75	
	15							545	>4.5	LAB
							15'6" - light gray mottling, light staining.			
		MAC-5 16-20	100					240	>4.5	
								131	>4.5	
							17'6" - medium gray with occasional red-brown mottling, no tar-like material or staining.			
720							18'3" - trace tar-like material in voids and fractures, moderate odor.	147	>4.5	
								414	>4.5	
	20	MAC-6 20-24	100				20' - trace fine to coarse sand and fine gravel	490	1.00	
						CL		29.8	3.00	
								945	>4.5	
715						ML	22'10" SILT, black, heavily stained with tar-like material (strong odor).	998	>4.5	
						CL	23'1" Silty CLAY w/trace fine-coarse sand and fine gravel, medium gray, non-plastic, light staining.			
						SP	23'5" SAND (fine to coarse) with trace gravel, heavily stained, wet.			
						CL	23'8.5" Silty CLAY (same as 23'1"description).			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-553

Project Name: IP - Champaign Former MGP		Elevation: 737.80'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012778.31	Coordinate Y: 1257534.21
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/14/04	Date Completed: 07/14/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100			SP	24' SAND (fine to coarse) with trace fine gravel, heavily stained, wet.	2241		LAB
	25						25'2" Silty CLAY with trace fine gravel, low plasticity, light staining in voids and fractures, moist.	1963		
								1558	3.00	
								374	>4.5	
710		MAC-8 28-32	100			CL	28'4" - little sand and gravel, no staining or tar-like material, slight odor.	440		
								19.6	3.50	
	30							4.4	3.25	
								0.9	>4.5	
							32' Termination of boring.	3.4	>4.5	LAB
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-554

Project Name: IP - Champaign Former MGP	Elevation: 737.50'	Datum: Mean Sea Level	
Project Number: 62400053	Coordinate X: 1012836.96	Coordinate Y: 1257519.32	
Location: 502 E. Hill St. Champaign, Illinois	Total Depth: 32.00'	Borehole Dia.: 2.25in	
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	69				0' Silty CLAY with roots, sand, trace gravel,coal, coal fines, no odor. (Fill)			
								3.0	<0.5	
						FI		3.3		
735							2'8" - brick, degraded, wet.	13.2		LAB
							3'6" CLAY, high plasticity, black, moist.		1.50	
							3'8" - slight tar-like odor.			
		MAC-2 4-8	100				4' - low plasticity.	52.5		
	5						5' - dark gray, high plasticity, trace tar-like material in voids and fractures, moderate odor.	102	1.50	
						CL				
							6' - medium gray, tar-like material in voids and fractures.	132	1.75	
							7' - green-gray, slight tar-like odor.	145	1.75	
730										
		MAC-3 8-12	92				8' - high plasticity, heavily impacted with oily hydrocarbons, faint odor, trace tar-like material in voids and fractures.	151	2.00	
								105		
	10							156	1.25	LAB
						CL	10'6" - medium gray.			
							11' - little tar-like material in voids and fractures.	77.6	1.25	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: **B-554**

Project Name:	IP - Champaign Former MGP	Elevation: 737.50'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012836.96	Coordinate Y: 1257519.32
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	79				12' Silty CLAY with little fine to coarse sand and gravel (gravel 1.75" at 13'6" depth), low plasticity, light brown, no staining or odor.	97.6	0.50	
725							13' - medium gray.	42.9	3.25	
							13'8" - few fine to coarse sand and gravel, green-gray.	22.6	3.50	
						CL				
	15							11.9	3.50	
		MAC-5 16-20	100					4.2	3.25	
								31.6	3.25	
						SP	17'2" SAND (1" seam) (fine), heavily stained, strong odor.			
720							17'3" Sandy CLAY, green-gray.			
							17'6" Silty CLAY, few sand and gravel, brown-green, low plastic, tar-like material in voids and fractures, moist.	892	3.75	LAB
							18' - little sand and gravel, no staining or odor.			
								32.4	3.75	
	20	MAC-6 20-24	100					28.5	3.50	
						CL				
							21' - with trace-little fine to coarse sand and fine gravel, medium gray.	30	3.00	
								30.1	2.75	
715										
								11.6	2.75	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-554

Project Name:	IP - Champaign Former MGP	Elevation: 737.50'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012836.96	Coordinate Y: 1257519.32
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	0			CL	24' CLAY, very soft, green-gray, light staining and odor, wet.	2.6	4.25	
	25							476	<0.5	
						SP	25'6" SAND (1" seam) (fine to medium), heavily stained. 25'7" Silty CLAY with trace sand and gravel, green-gray, light staining. 26' - little fine to coarse sand and fine gravel.	553	2.50	
								5.8	2.75	
710		MAC-8 28-32	54					2.5	2.75	
						CL	28' - medium gray, no staining or odor.	1.8	1.50	
	30							1.5	1.50	
								2.2	1.50	
							32' Termination of boring.	1.2	2.25	LAB
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: **B-556**

Project Name: IP - Champaign Former MGP		Elevation: 737.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012878.12	Coordinate Y: 1257486.11
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	90				0' FILL, clay, silt, some loose gravel (fine-coarse), ash cinders, dark gray to black, moist.			
						FI		2.5	0.50	
								4.1	0.75	
735							3' Silty CLAY (natural material) slight tar-like odor.	6.4	2.50	LAB
		MAC-2 4-8	100				4' - moderate staining	52.1	1.75	
	5							174	1.50	
							5'6" - greenish gray with dark gray to black mottling, visible tar-like material in fractures and voids.	295	1.75	LAB
							7' - no staining, slight tar-like odor.	184	1.50	
730						CL				
		MAC-3 8-12	98				8' - greenish gray, tar-like material in fractures and voids.	119	1.75	
								34.4	2.25	
							9'8" - few sand, light gray/brown (mottled).			
	10							105	2.00	
							11' - fine-coarse gravel, trace tar-like blebs, wet.	60.9	0.75	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: **B-556**

Project Name: IP - Champaign Former MGP		Elevation: 737.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012878.12	Coordinate Y: 1257486.11
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
725		MAC-4 12-16	96				12' - few sand	66.2	2.50	
							13' - light brown/greenish gray, no staining, slight odor, moist.	70.1	3.75	
								12.2	3.00	
	15					CL	15' - no odor	136	1.00	
		MAC-5 16-20	96					12.2	3.25	
							16'6" - trace sand, gravel (fine-coarse), slight odor.			
							17' - heavy staining, tar-like material in fractures and voids.	11.7	3.25	
720										
								288	2.75	
							18'6" Silty CLAY			
								500	2.50	
	20	MAC-6 20-24	90			CL	20' - no staining or odor.	518	4.00	LAB
								1.5	3.00	
							21'6" - trace sand, light gray.			
								1.5	2.50	
715										
								1.3	3.25	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-556

Project Name: IP - Champaign Former MGP		Elevation: 737.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012878.12	Coordinate Y: 1257486.11
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	67					1.4	3.50	
	25							3.4	2.25	
						CL		0.7	4.50	
								2.4	>4.5	
710							28' Termination of boring.	2.3	>4.5	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-557

Project Name: IP - Champaign Former MGP		Elevation: 737.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012955.23	Coordinate Y: 1257474.31
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	69				0' FILL, clay, silt, gravel, roots, cinders, dark gray to black, moist.	3.4	1.25	LAB
						FI		1.0	1.75	
735							2'4" Silty CLAY with trace sand, dark gray with greenish gray mottling.	0.6	1.25	
		MAC-2 4-8	100					0.9	1.00	
	5						4'10" - trace roots, trace gravel, greenish gray with orange mottling.	2.2	0.50	
							6' - slight tar-like odor.	1.9	1.25	
								2.2	1.25	
730						CL				
		MAC-3 8-12	100				8' - trace sand and gravel.	2.2	1.50	
							8'6" - tar-like material in fractures and voids.	5.1	0.50	
	10							12.3	1.25	LAB
									0.75	
							11'10" - fine-coarse sand and fine-coarse gravel, lightly stained.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-557

Project Name: IP - Champaign Former MGP		Elevation: 737.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012955.23	Coordinate Y: 1257474.31
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 24.00'	Borehole Dia.: 2.25in
Date Started: 07/20/04	Date Completed: 07/20/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	88			CL	12'6" - trace fine sand, wet.	55.1	1.50	LAB
725							12'10" Clayey SAND with trace coarse gravel, greenish gray with tar-like blebs.			
						SC		5.6	<0.5	
							13'5" Silty CLAY with trace sand (fine-coarse) and gravel (fine-coarse), medium gray, moist.			
								40.8	>4.5	
	15							18.6	2.75	
		MAC-5 16-20	100				16' - three 1"layers of sand (fine-coarse), trace fine-coarse gravel.	6.8	>4.5	
								2.4	>4.5	
720							18' - medium-dark gray.	3.4	4.50	
						CL		2.6	>4.5	
	20	MAC-6 20-24	0					2.5	4.25	
								0.6	>4.5	
								1.7	4.25	
715								1.8	>4.5	
							28' Termination of boring.	3.0	>4.5	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-558

Project Name: IP - Champaign Former MGP		Elevation: 737.70'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1013041.62	Coordinate Y: 1257433.54
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	100				0' Silty CLAY with sand, gravel, ash, cinders, roots, dark gray-black, moist. (Fill)			
						FI		4.0	<0.5	
							2'2" - medium brown.	4.2	2.00	LAB
735							3'1" - dark brown.	1.2	2.00	
		MAC-2 4-8	100				4' - light gray with brown mottling.	2.2	1.75	
	5							3.4	1.50	
							5'10" - slight tar-like odor.			
						CL		4.4	2.00	
							6'9" - tar-like material in fractures.	31.6	2.00	LAB
730										
		MAC-3 8-12	100					22.4	1.75	
								3.4	4.25	
	10						10'1" SAND, 2" layer (fine-coarse), wet.	4.8	4.25	
							10'3" Clayey SAND with trace gravel, light brown-gray, no staining, moist.			
						SC		10.8	0.75	
							11'5" Silty CLAY, olive gray-dark gray w/yellow-orange mottling, tar-like material in fractures, slight odor.			
						CL	12' Sandy CLAY with some gravel, brown-gray.	23.2	<0.5	LAB

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: B-558

Project Name: IP - Champaign Former MGP		Elevation: 737.70'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1013041.62	Coordinate Y: 1257433.54
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	100					7.7	3.25	
725										
							14' - slight tar-like odor.	4.7	3.75	
	15							4.8	2.25	
						CL				
		MAC-5 16-20	88				16' Silty CLAY with few fine-coarse sand and gravel, medium gray.	6.4	3.50	
							17' - no odor.	4.0	>4.5	
720							18' - tar-like material in fractures (1" section).	7.0	4.00	LAB
								14.3	>4.5	
	20	MAC-6 20-24	83				20' - ~1 1/2" rock.	8.2	3.75	
						CL		4.2	>4.5	
								3.1	>4.5	
715								3.2	>4.5	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-558

Project Name:	IP - Champaign Former MGP	Elevation: 737.70'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1013041.62	Coordinate Y: 1257433.54
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	79					2.2	4.25	
	25					CL		2.8	3.75	
								3.3	3.25	
								3.3	4.00	
710						SW	27'10"SAND (fine-medium) well graded, very loose, medium gray. 28' Termination of boring.	0.8		LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-559

Project Name: IP - Champaign Former MGP		Elevation: 736.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1013034.71	Coordinate Y: 1257297.18
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	100				0' Silty CLAY with gravel, ash, loose cinders, roots, dark gray-black, moist. (Fill)		2.75	
							9" - harder fill, some coal bits, dark brown-gray.	1.3	2.25	
735						FI				
							2'2" - large coarse pieces of slag.	1.5		
							2'6" Silty CLAY, dark brown.			
								1.7	1.75	LAB
							3'7" - medium gray-brown with black mottling.			
		MAC-2 4-8	100				4' Sandy CLAY, medium gray.	1.8	1.50	
							4'6" Silty CLAY with few fine gravel, greenish-gray mottled with orange mottling, moist.			
	5							2.9	2.00	
								3.2	1.75	
730										
								2.6	2.00	
						CL	7'4" - greenish gray-brown with black mottling.			
							7'8" - dark brown.			
		MAC-3 8-12	100					3.7	1.25	LAB
								2.9	0.50	
	10							2.0	0.75	
								3.0	2.75	
725										

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-559

Project Name: IP - Champaign Former MGP		Elevation: 736.40'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1013034.71	Coordinate Y: 1257297.18
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	79					2.6	4.50	
								3.4	2.50	
							14' - trace fine gravel.	3.9	2.75	
	15					CL		3.1	3.75	
		MAC-5 16-20	100				16' - light gray.	3.2	>4.5	
720								3.9	4.25	
								3.1	3.00	
							18'8" - coarse gravel	4.4	>4.5	LAB
	20	MAC-6 20-24	88				20' - medium gray.	3.1	>4.5	
						CL		2.3	2.75	
715								2.5	2.75	
								2.6	3.25	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-559

Project Name:	IP - Champaign Former MGP	Elevation: 736.40'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1013034.71	Coordinate Y: 1257297.18
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/19/04	Date Completed: 07/19/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: J. Scholbe	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	90				24' Sandy CLAY (2" layer).	1.8	4.00	
	25						25' Sandy, Silty CLAY with some fine gravel.	4.0	>4.5	
						CL		3.9	>4.5	
710								3.7	2.50	
							28' Termination of boring.	3.7	4.00	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-560

Project Name:	IP - Champaign Former MGP	Elevation: 736.50'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1013032.65	Coordinate Y: 1257346.53
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	75				0' FILL with silty clay, sand, gravel, ash, cinders, trace brick, moist. (Fill)	5.0		
735						FI		1.8		
								9.0		LAB
		MAC-2 4-8	100				4'3" CLAY, high plasticity, medium gray-black, moist.	0.6	3.25	
	5						5' - light gray with yellow-orange mottling.	1.3	1.50	LAB
								0.5	2.25	
730								0.5	1.25	
						CL				
		MAC-3 8-12	100				9' - high plasticity, very soft.	0.8	1.75	
								0.6	0.50	
	10							0.6		
						SC	10'2" Clayey SAND green-gray, wet.			
						SP	10'4" SAND (fine-coarse), no odor, wet.			
						CL	10'7" CLAY with some sand.	0.5		
							11'1" SAND, same as above.			
725						SW	11'4" - light tar-like staining with slight odor.			
							11'8" - moderate staining.			

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-560

Project Name: IP - Champaign Former MGP	Elevation: 736.50'	Datum: Mean Sea Level	
Project Number: 62400053	Coordinate X: 1013032.65	Coordinate Y: 1257346.53	
Location: 502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in	
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	81			SW		80.5		
							13' - black with heavy staining, wet. 13'1" Silty CLAY with trace sand, green-gray, medium plasticity, no staining or odor.	333		LAB
								15.2	1.75	
	15							7.4	4.00	
		MAC-5 16-20	100					4.2	>4.5	
720							17' - blocky structure, medium gray, low plasticity.	4.8	>4.5	
							18' - little fine-coarse sand and gravel.		4.00	
									>4.5	
	20	MAC-6 20-24	100			CL		5.4	>4.5	LAB
715								2.6	>4.5	
								2.2	>4.5	
								1.5	>4.5	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-560

Project Name:	IP - Champaign Former MGP	Elevation: 736.50'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1013032.65	Coordinate Y: 1257346.53
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	100				24' - medium gray.	2.7	>4.5	
	25							2.2	>4.5	
						CL	26' - little-few fine-coarse sand and gravel.	2.0	>4.5	
710										
								2.3	>4.5	
							28' Termination of boring.	8.8	>4.5	LAB
	30									
705										
	35									

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-561

Project Name: IP - Champaign Former MGP		Elevation: 735.90'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012797.45	Coordinate Y: 1257572.41
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-1 0-4	69				0' FILL with silty clay, trace sand and fine gravel, roots, glass, trace coal pieces, dark brown to black, moist. (Fill)			
735								3.0		LAB
								0.7	2.00	
						FI	3' CLAY, trace sand and gravel, trace coal, high plasticity, dark brown. (Fill)	1.4	1.25	
		MAC-2 4-8	100				4' - same as above with brick and shards of china.	0.3		
	5						5' Silty CLAY with trace fine sand, root channels, high plasticity, light gray w/orange-brown mottling.	1.6	1.00	
730								1.8	2.25	
							7' - trace tar-like material in voids and fractures; slight odor.	15.5	1.00	
		MAC-3 8-12	100			CL	8' - brown-gray, very soft, moderately stained with tar-like material in voids and fractures; moderate odor, wet.	34.3	0.50	
							8'9" - some fine to medium sand, heavily stained (1" sand lens).			
							8'10" - little sand.			
							9'3" - lens of sand and fine gravel (1/4").	101	<0.5	
							9'4" - lenses of sand and fine gravel (1/4").			
	10						9'5" - trace-little fine to coarse sand and fine gravel, brown-gray, trace tar-like material in voids and fractures, moist.	214	4.00	LAB
725							10'10" Clayey SAND (fine-medium), trace fine gravel, four 1/4" thick layers over 7" interval, lightly stained, wet.	39.1		
						SC				

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID: B-561

Project Name: IP - Champaign Former MGP		Elevation: 735.90'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012797.45	Coordinate Y: 1257572.41
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	96			SP	12' SAND (fine to medium, trace coarse), brown, light staining.	227		
							12'6" Silty CLAY, trace sand and gravel, brown-gray, staining in voids and fractures, moist.			
							13' - no staining or odor.	356	4.00	LAB
								1.1	>4.5	
	15							3.4	>4.5	
							15'9" - light gray mottling.			
720		MAC-5 16-20	96				16' - medium-gray, trace tar-like material in occasional voids and fractures.	15.2		
							17' - trace coarse gravel (1").	98.3	>4.5	
						CL	18' - no staining or odor.	84.5	>4.5	
								6.2	>4.5	LAB
	20	MAC-6 20-24	98				20' - trace gravel (1.25"), low-medium plasticity.	1.3	>4.5	
715								0.6	>4.5	
								0.8	>4.5	
								1.3	3.50	

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-561

Project Name: IP - Champaign Former MGP		Elevation: 735.90'	Datum: Mean Sea Level
Project Number: 62400053		Coordinate X: 1012797.45	Coordinate Y: 1257572.41
Location: 502 E. Hill St. Champaign, Illinois		Total Depth: 32.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-7 24-28	65					0.5	>4.5	
	25							1.3	4.50	
710								1.5	4.25	
								1.4	3.75	
		MAC-8 28-32	0			CL				
								0.6	3.75	
	30							0.8	1.75	
705								0.9	1.75	
							32' Termination of boring.	0.3	>4.5	LAB
	35									
700										

Remarks:

RECORD OF SUBSURFACE EXPLORATION

PSC

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-562

Project Name:	IP - Champaign Former MGP	Elevation: 735.50'	Datum: Mean Sea Level
Project Number:	62400053	Coordinate X: 1012834.23	Coordinate Y: 1257558.03
Location:	502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
735		MAC-1 0-4	58			FI	0' FILL with silty clay, sand and gravel, roots, glass, brick, trace coal, dark brown, no odor, moist. (Fill)	5.9		LA
								0.9		
								0.4		
							3'8" CLAY, soft with fractures and channels, high plasticity, dark gray, moist . (Fill)	0.7	1.25	
		MAC-2 4-8	0							
	5						5' - light gray with orange-brown mottling.	0.4	1.75	
730								1.4	1.50	
						CL		0.7	1.50	
		MAC-3 8-12	0				8' Silty CLAY with trace sand and fine gravel, very soft, high plasticity, trace tar-like material in voids and fractures, slight odor, moist-wet.	24.2	1.00	
							9'3" - little fine-medium sand and fine gravel, 1/4" layer heavily stained with tar-like material.	15.6	0.50	
							9'10" - few sand.			
	10							46.7	<0.5	LAI
725							10'5" SAND (fine-coarse), some clay, trace fine gravel, light gray with moderate staining, wet.	190		
						SW				

Remarks:

RECORD OF SUBSURFACE EXPLORATION

BOREHOLE/MONITORING WELL/PROBEHOLE/TEST PIT ID:

B-562

Project Name: IP - Champaign Former MGP	Elevation: 735.50'	Datum: Mean Sea Level	
Project Number: 62400053	Coordinate X: 1012834.23	Coordinate Y: 1257558.03	
Location: 502 E. Hill St. Champaign, Illinois	Total Depth: 28.00'	Borehole Dia.: 2.25in	
Date Started: 07/15/04	Date Completed: 07/15/04	Township/Range: Sec 7; T19N; R9E	
Consultant: Kelron	Drilled By: Transhield		
Logged By: S. Cravens	Drilling Method: GeoProbe		

Elevation (feet)	Depth (feet)	Sample Number & Depth Interval	Recovery Percent	Recovery	Graphic Log	USCS Code	Material Description	PID Reading (ppm)	Penetrometer (tsf)	Lab Sample
		MAC-4 12-16	0			SC	12' Clayey SAND same as above, moderate staining.	168		
								351		
								509		LAB
							14'3" Silty CLAY with trace-little fine-coarse sand and fine gravel, low plasticity, green-gray, little tar-like material in voids, fractures and sandy layers, moderate odor.			
	15							507	4.50	
720		MAC-5 16-20	100				16' - medium-gray, no staining with slight odor.	482	>4.5	
								35.4	>4.5	
							18' - no odor.	44.8	>4.5	
						CL		36.9	>4.5	
	20	MAC-6 20-24	100					27.8	>4.5	
715								0.9	>4.5	
								0.4	>4.5	
								1.3	>4.5	

Remarks: