

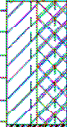

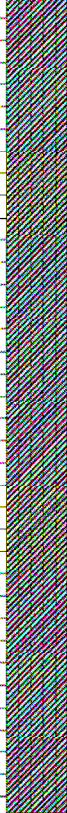










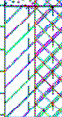

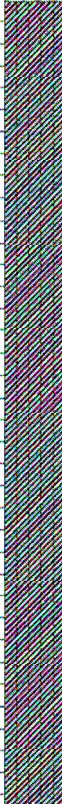









APPENDIX 'A': SOIL LOGS


KGS GROUP		SUMMARY LOG		HOLE NO. TH-01	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06		
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.			
SITE		TOP OF PVC ELEV.			
LOCATION	Northeast Corner of Tank Bed	WATER ELEV.			
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	30-May-07		
		UTMs (NAD83)	N E		





ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST				
						Photonizable Vapours (ppm) ●				
						250	500	750	1000	
						FIELD SOIL TEST (PETROFLAG)				
						Diesel Fuel (ppm) ○				
						1000	2000	3000	4000	
			SAND AND GRAVEL FILL - Yellow-brown to brown, moist, loose, oxidized.		1	●				
	0.5		SILTY CLAY FILL - Dark brown, damp, firm, some small stone.		2	●				
	1.0		SILTY CLAY - Brown, damp, firm, intermediate to high plasticity.		3	●				
	1.5				4	●				
	2.0				5	●				
	2.5				6	●				
	3.0				7	●				
	3.5									
	4.0									
	4.5		END OF HOLE AT 4.57 m.							

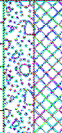
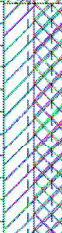
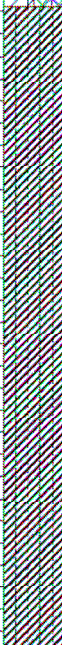

SAMPLE TYPE		Auger Grab
CONTRACTOR		INSPECTOR
Maple Leaf Enterprises		J. BURNS
APPROVED		DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-02	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT			JOB NO.	07-107-06
PROJECT	INSECT CONTROL BRANCH			GROUND ELEV.	
SITE				TOP OF PVC ELEV.	
LOCATION	2.7 m East of Pump Island			WATER ELEV.	
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			DATE DRILLED	30-May-07
				UTMs (NAD83)	N E

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●					
						250	500	750	1000		
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○					
						1000	2000	3000	4000		
			<u>SAND AND GRAVEL FILL</u> - Yellow-brown to brown, moist, loose, oxidized.		1	●					
	0.5		<u>SILTY CLAY FILL</u> - Dark brown to black, damp, firm, some small stone.		2	●					
	1.0		<u>SILTY CLAY</u> - Brown, damp, firm, intermediate to high plasticity.		3	●					
	1.5				3	●					
	2.0				4	●					
	2.5				4	●					
	3.0				5	●					
	3.5				5	●					
	4.0				6	●					
	4.5				6	●					
			END OF HOLE AT 4.57 m.		7	●					



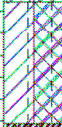







SAMPLE TYPE	 Auger Grab
CONTRACTOR	Maple Leaf Enterprises
INSPECTOR	J. BURNS
APPROVED	_____
DATE	3/7/07


KGS GROUP		SUMMARY LOG		HOLE NO. TH-03	SHEET 1 of 1
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT PROJECT INSECT CONTROL BRANCH SITE LOCATION 3.4 m South of East End of Pump Island DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			JOB NO. 07-107-06 GROUND ELEV. TOP OF PVC ELEV. WATER ELEV. DATE DRILLED 30-May-07 UTMs (NAD83) N E		
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ● 250 500 750 1000 FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○ 1000 2000 3000 4000
			SAND AND GRAVEL FILL - Yellow-brown to brown, moist, loose, oxidized, crushed limestone fill.	1	24
	0.5		SILTY CLAY FILL - Dark brown to black, damp, stiff, some small stone and pebbles.	2	27.2
	1.0		SILTY CLAY - Brown, damp to moist, firm, high plasticity.	3	22
	1.5			4	18.4
	2.0			5	18.7
	2.5			6	10.2
	3.0			7	18
	3.5				
	4.0				
	4.5		END OF HOLE AT 4.57 m.		
SAMPLE TYPE		 Auger Grab			
CONTRACTOR		INSPECTOR		APPROVED	
Maple Leaf Enterprises		J. BURNS		DATE 3/7/07	



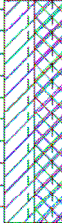




KGS GROUP		SUMMARY LOG		HOLE NO. TH-04	SHEET 1 of 1																																												
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT PROJECT INSECT CONTROL BRANCH SITE LOCATION 3.3 m South of Center of Pump Island DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			JOB NO. 07-107-06 GROUND ELEV. TOP OF PVC ELEV. WATER ELEV. DATE DRILLED 30-May-07 UTMs (NAD83) N E																																														
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE NUMBER	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●</th> </tr> <tr> <th>250</th> <th>500</th> <th>750</th> <th>1000</th> </tr> <tr> <th colspan="4">FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○</th> </tr> <tr> <th>1000</th> <th>2000</th> <th>3000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>26.4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>41.8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>52.9</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30.3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>41.7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23.7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●				250	500	750	1000	FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○				1000	2000	3000	4000	26.4				41.8				52.9				30.3				41.7				23.7				25.5			
FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●																																																	
250	500	750	1000																																														
FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○																																																	
1000	2000	3000	4000																																														
26.4																																																	
41.8																																																	
52.9																																																	
30.3																																																	
41.7																																																	
23.7																																																	
25.5																																																	
	0.5		SAND AND GRAVEL FILL - Yellow-brown to brown, moist, loose, oxidized.	1																																													
	1.0		SILTY CLAY FILL - Dark brown to black, moist, firm, some small stone. - Weak hydrocarbon odour below 0.76 m.	2																																													
	1.5			3																																													
	2.0		SILTY CLAY - Brown, moist, firm, high plasticity.	4																																													
	2.5			5																																													
	3.0			6																																													
	3.5			7																																													
	4.0																																																
	4.5		END OF HOLE AT 4.57 m.																																														
SAMPLE TYPE		 Auger Grab																																															
CONTRACTOR		INSPECTOR		APPROVED																																													
Maple Leaf Enterprises		J. BURNS		DATE 3/7/07																																													

KGS GROUP		SUMMARY LOG		HOLE NO. TH-05		SHEET 1 of 1	
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT PROJECT INSECT CONTROL BRANCH SITE LOCATION 3.2 m South of West End of Pump Island DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig				JOB NO. 07-107-06 GROUND ELEV. TOP OF PVC ELEV. WATER ELEV. DATE DRILLED 30-May-07 UTMs (NAD83) N E			
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ● 250 500 750 1000	
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○ 1000 2000 3000 4000	
	0.5	[Red cross-hatch pattern]	SAND AND GRAVEL (CRUSHED LIMESTONE) FILL - Yellow-brown, moist, loose, oxidized.	[Auger Grab symbol]	1	●	26.6
	1.0	[Dotted pattern]	- Grey-brown, medium to coarse grained sand with some gravel. Some small seams of clay fill. Moderate to strong hydrocarbon odour.	[Auger Grab symbol]	2	●	25.5
	1.5	[Dotted pattern]		[Auger Grab symbol]	3	●	30.4
	2.0	[Dotted pattern]	- Wet at 1.83 m with light sheen on water. Some staining.	[Auger Grab symbol]	4	●	639
	2.5	[Dotted pattern]		[Auger Grab symbol]	5	●	80
	3.0	[Diagonal line pattern]	SILTY CLAY - Brown, moist, firm, high plasticity.	[Auger Grab symbol]	6	●	139
	3.5	[Diagonal line pattern]		[Auger Grab symbol]	7	●	36.2
	4.0	[Diagonal line pattern]		[Auger Grab symbol]			
	4.5	[Diagonal line pattern]	END OF HOLE AT 4.57 m.	[Auger Grab symbol]			
SAMPLE TYPE		[Auger Grab symbol]	Auger Grab				
CONTRACTOR		Maple Leaf Enterprises		INSPECTOR		J. BURNS	
APPROVED				DATE		3/7/07	

KGS GROUP		SUMMARY LOG		HOLE NO. TH-06	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT			JOB NO.	07-107-06
PROJECT	INSECT CONTROL BRANCH			GROUND ELEV.	
SITE				TOP OF PVC ELEV.	
LOCATION	2.1 m West of Pump Island			WATER ELEV.	
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			DATE DRILLED	30-May-07
				UTMs (NAD83)	N E

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●					
						250	500	750	1000		
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○					
						1000	2000	3000	4000		
			<u>SAND AND GRAVEL FILL</u> - Yellow-brown to brown, moist, loose, oxidized.		1	●	29.8				
	0.5		<u>SILTY CLAY FILL</u> - Dark brown, damp, firm, some small stone.		2	●	24.8				
	1.0		<u>SILTY CLAY</u> - Brown, damp, firm, intermediate to high plasticity.		3	●	18.1				
	1.5				4	●	18.7				
	2.0				5	●	18				
	2.5				6	●	15.8				
	3.0				7	●	19.6				
	3.5										
	4.0										
	4.5		END OF HOLE AT 4.57 m.								



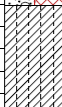

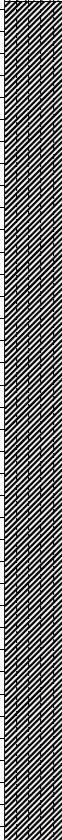






SAMPLE TYPE	 Auger Grab
CONTRACTOR	Maple Leaf Enterprises
INSPECTOR	J. BURNS
APPROVED	_____
DATE	3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-07		SHEET 1 of 1	
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT PROJECT INSECT CONTROL BRANCH SITE LOCATION 2.05 m South of Southwest Corner of Office DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig				JOB NO. 07-107-06 GROUND ELEV. TOP OF PVC ELEV. WATER ELEV. DATE DRILLED 30-May-07 UTMs (NAD83) N E			
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ● 250 500 750 1000	
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○ 1000 2000 3000 4000	
			SAND AND GRAVEL (LIMESTONE) FILL - Yellow-brown to grey-brown, damp, loose.		1	●	29.8
	0.5		SILTY CLAY FILL - Dark brown to black, becoming grey brown, moist, firm, some stone.		2	●	24.4
	1.0						
	1.5		SILTY CLAY - Brown, moist, firm, high plasticity.		3	●	28.3
	2.0						
	2.5						
	3.0						
	3.5						
	4.0						
	4.5		END OF HOLE AT 4.57 m.				
					7	●	20.8
SAMPLE TYPE		 Auger Grab					
CONTRACTOR		INSPECTOR		APPROVED		DATE	
Maple Leaf Enterprises		J. BURNS				3/7/07	

KGS GROUP		SUMMARY LOG		HOLE NO. TH-08	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06		
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.			
SITE	Between Ballards at Centre of Pump Island	TOP OF PVC ELEV.			
LOCATION	North of TH-05/0.4 m South of Center of Pump Island	WATER ELEV.			
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	30-May-07		
		UTMs (NAD83)	N E		

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			SAND AND GRAVEL (LIMESTONE) FILL - Yellow-brown, damp, loose, strong odour.	A	1	27.4			
	0.5			A	2	30.3			
	1.0			A	3	24.2			
	1.5		- Wet at 1.22 m.	A	4				
	2.0			A	5				
	2.5		- Heavy staining, at 2.29 m. - Strong odour.	A	6				
	3.0		SILTY CLAY - Brown, moist, firm, intermediate to high plasticity.	A	7	89.7			
	3.5			A	8	145.4			
	4.0			A	9	14.4			
	4.5			A	10	33.4			
			END OF HOLE AT 4.57 m.						

SAMPLE TYPE	<input checked="" type="checkbox"/>	Auger Grab
CONTRACTOR		INSPECTOR
Maple Leaf Enterprises		J. BURNS
		APPROVED _____ DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-09		SHEET 1 of 1					
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT		JOB NO. 07-107-06		GROUND ELEV.							
PROJECT INSECT CONTROL BRANCH		TOP OF PVC ELEV.		WATER ELEV.							
SITE		DATE DRILLED 30-May-07		UTMs (NAD83) N							
LOCATION Approx. 3.6 m South of TH-05		DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig		E							
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●					
						250	500	750	1000		
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○					
						1000	2000	3000	4000		
			SAND AND GRAVEL (LIMESTONE) FILL - Yellow-brown, damp, loose.		1	38.4					
	0.5		SILTY CLAY - Dark brown to black, moist, firm.		2	32.5					
	1.0		SILTY CLAY - Brown, damp to moist, firm, intermediate to high plasticity.		3	24.3					
	2.0				4	20.8					
	2.5				5	21					
	3.0				6	49					
	3.5				7						
	4.0										
	4.5		END OF HOLE AT 4.57 m.								
SAMPLE TYPE		 Auger Grab		CONTRACTOR		INSPECTOR		APPROVED		DATE	
		Maple Leaf Enterprises		J. BURNS						3/7/07	

KGS GROUP		SUMMARY LOG		HOLE NO. TH-10	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06		
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.			
SITE		TOP OF PVC ELEV.			
LOCATION	13.7 m South of Office/9.7 m East of Fence	WATER ELEV.			
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	30-May-07		
		UTMs (NAD83)	N E		

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
	0.5		<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Yellow-brown, damp, loose.		1	24			
	1.0		<u>SILTY CLAY</u> - Dark brown to black, damp, stiff.		2	25			
	1.5		<u>SILTY CLAY</u> - Brown, damp to moist, firm to stiff, intermediate to high plasticity.		3	23.8			
	2.0				4	22.5			
	2.5				5	21.1			
	3.0				6	21.8			
	3.5				7	20.6			
	4.0								
	4.5								
			END OF HOLE AT 4.57 m.						

SAMPLE TYPE	Auger Grab
CONTRACTOR	Maple Leaf Enterprises
INSPECTOR	J. BURNS
APPROVED	DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-11	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06		
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.			
SITE		TOP OF PVC ELEV.			
LOCATION	15.0 m East of Fence in Line with AST	WATER ELEV.			
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	30-May-07		
		UTMs (NAD83)	N E		

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●				
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○				
						250	500	750	1000	
			<u>3/4" LIMESTONE</u> - Tan, newly installed.							
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Changes to yellow-brown below 0.15 m.							
	0.5		<u>SILTY CLAY</u> - Dark brown to black, moist, firm.		1					
	1.0		<u>SILTY CLAY</u> - Brown, damp to moist, firm, intermediate to high plasticity.		2					
			END OF HOLE AT 1.22 m.							
	1.5									
	2.0									
	2.5									
	3.0									
	3.5									
	4.0									
	4.5									

SAMPLE TYPE		Auger Grab
CONTRACTOR	INSPECTOR	
Maple Leaf Enterprises	J. BURNS	
APPROVED	DATE	3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-12	SHEET 1 of 1
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT		JOB NO. 07-107-06		GROUND ELEV.	
PROJECT INSECT CONTROL BRANCH		TOP OF PVC ELEV.		WATER ELEV.	
SITE		DATE DRILLED 31-May-07		UTMs (NAD83) N E	
LOCATION 24.6 m East of Fence/28.5 m North of Fence (9.0 m East of TH-11)		DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●				
					250	500	750	1000	
					FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○				
					1000	2000	3000	4000	
		[Cross-hatch pattern]	<u>3/4" LIMESTONE</u> - Tan, newly installed						
		[Dotted pattern]	<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, moist, loose. - Yellow-brown, damp, oxidized below 0.15 m.						
	0.5	[Diagonal lines]	<u>SILTY CLAY</u> - Dark brown, damp, stiff.	1	720				
	1.0			2	165				
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE	[Auger Grab symbol]	Auger Grab
CONTRACTOR	INSPECTOR	APPROVED
Maple Leaf Enterprises	J. BURNS	DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-13		SHEET 1 of 1	
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT		JOB NO. 07-107-06		GROUND ELEV.			
PROJECT INSECT CONTROL BRANCH				TOP OF PVC ELEV.			
SITE				WATER ELEV.			
LOCATION 5.0 m West of AST, 28.5 m North of Fence				DATE DRILLED 31-May-07			
DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig				UTMs (NAD83) N E			

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			3/4" LIMESTONE - Tan, newly installed.						
			SAND AND GRAVEL (LIMESTONE) FILL - Dark brown, moist, loose. - Yellow-brown sand and gravel limestone and brick, damp, oxidized below 0.18 m.						
	0.5		SILTY CLAY - Dark brown, damp, stiff.		1	158			
	1.0				2	41			
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE		Auger Grab
CONTRACTOR	INSPECTOR	APPROVED
Maple Leaf Enterprises	J. BURNS	DATE 3/7/07






KGS GROUP		SUMMARY LOG		HOLE NO. TH-14	SHEET 1 of 1
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT PROJECT INSECT CONTROL BRANCH SITE LOCATION 3.0 m West of AST, 27.6 m North of Fence DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			JOB NO. 07-107-06 GROUND ELEV. TOP OF PVC ELEV. WATER ELEV. DATE DRILLED 31-May-07 UTM's (NAD83) N E		
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ● 250 500 750 1000 FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○ 1000 2000 3000 4000
	0.5		<u>3/4" LIMESTONE</u> - Tan, newly installed.	1	● 240
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Yellow-brown, damp, oxidized below 0.13 m.		
	1.0		<u>SILTY CLAY</u> - Dark brown to black, moist, firm.	2	○ 57
	1.5		<u>SILTY CLAY</u> - Brown, damp to moist, firm, intermediate to high plasticity.		
	2.0				
	2.5				
	3.0		END OF HOLE AT 3.05 m.		
	3.5				
	4.0				
	4.5				
SAMPLE TYPE		Auger Grab			
CONTRACTOR		INSPECTOR		APPROVED	
Maple Leaf Enterprises		J. BURNS		DATE 3/7/07	


KGS GROUP		SUMMARY LOG		HOLE NO. TH-15		SHEET 1 of 1	
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT		JOB NO. 07-107-06		GROUND ELEV.			
PROJECT INSECT CONTROL BRANCH				TOP OF PVC ELEV.			
SITE				WATER ELEV.			
LOCATION 15.0 m East of Fence/19.7 m North of Fence (9m South of TH-11)				DATE DRILLED 31-May-07			
DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig				UTMs (NAD83) N E			

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			<u>3/4" LIMESTONE</u> - Tan, newly installed.						
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Yellow-brown, damp, oxidized below 0.15 m.						
	0.5		<u>SILTY CLAY</u> - Dark brown to brown, damp to moist, firm, intermediate to high plasticity.		1				
	1.0				2				
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE		Auger Grab
CONTRACTOR	INSPECTOR	
Maple Leaf Enterprises	J. BURNS	
APPROVED	DATE	3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-16		SHEET 1 of 1	
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT		JOB NO. 07-107-06		GROUND ELEV.			
PROJECT INSECT CONTROL BRANCH		TOP OF PVC ELEV.		WATER ELEV.			
SITE		DATE DRILLED 31-May-07		UTMs (NAD83) N		E	
LOCATION 9.0 m East of TH-15		DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig					

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			<u>3/4" LIMESTONE</u> - Tan, newly installed.						
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Yellow-brown, damp, oxidized below 0.15 m.		1	39			
	0.5		<u>SILTY CLAY</u> - Dark brown to black, moist, firm.						
			<u>SILTY CLAY</u> - Dark brown to black, damp to moist, firm, intermediate to high plasticity.						
	1.0		- Brown below 0.91 m.		2	17			
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE		Auger Grab
CONTRACTOR	INSPECTOR	
Maple Leaf Enterprises	J. BURNS	
APPROVED	DATE	3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-17	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT			JOB NO.	07-107-06
PROJECT	INSECT CONTROL BRANCH			GROUND ELEV.	
SITE				TOP OF PVC ELEV.	
LOCATION	9.0 m East of TH-16, 17.9 m North of Fence			WATER ELEV.	
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			DATE DRILLED	31-May-07
				UTMs (NAD83)	N E

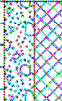

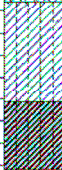


ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						250	500	750	1000
						1000	2000	3000	4000
			3/4" LIMESTONE - Tan, newly installed						
			SAND AND GRAVEL (LIMESTONE) FILL - Dark brown, wet, loose. - Yellow-brown, heavily oxidized below 0.15 m.						
	0.5		SILTY CLAY - Dark brown to black, moist, firm.		1				
	1.0		- Grey brown below 1.07 m.		2				
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE	Auger Grab
CONTRACTOR	Maple Leaf Enterprises
INSPECTOR	J. BURNS
APPROVED	_____
DATE	3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-18	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT			JOB NO.	07-107-06
PROJECT	INSECT CONTROL BRANCH			GROUND ELEV.	
SITE				TOP OF PVC ELEV.	
LOCATION	9.0 m East of TH-17			WATER ELEV.	
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			DATE DRILLED	31-May-07
				UTMs (NAD83)	N E

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			<u>3/4" LIMESTONE</u> - Tan, newly installed.		1				
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Yellow-brown, oxidized below 0.25 m.		2				
	0.5		<u>SILTY CLAY</u> - Dark brown to black, moist, firm.						
	1.0		<u>SILTY CLAY</u> - Dark brown to black, damp to moist, firm, intermediate to high plasticity.						
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE	Auger Grab
CONTRACTOR	Maple Leaf Enterprises
INSPECTOR	J. BURNS
APPROVED	DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-19		SHEET 1 of 1	
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT PROJECT INSECT CONTROL BRANCH SITE LOCATION 4.5 m West of TH-17 and 7.0 m North of Fence DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig				JOB NO. 07-107-06 GROUND ELEV. TOP OF PVC ELEV. WATER ELEV. DATE DRILLED 31-May-07 UTMs (NAD83) N E			
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ● 250 500 750 1000 FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○ 1000 2000 3000 4000	
	0.5		<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Yellow-brown, oxidized below 0.20 m.		1		
	1.0		<u>SILTY CLAY</u> - Dark brown to black, moist, firm. <u>SILTY CLAY</u> - Dark grey brown to grey brown, damp to moist, firm, intermediate to high plasticity.		2		
	1.5		END OF HOLE AT 1.22 m. Note: 1. Lots of water at base of granular fill.				
	2.0						
	2.5						
	3.0						
	3.5						
	4.0						
	4.5						
SAMPLE TYPE		 Auger Grab					
CONTRACTOR		INSPECTOR		APPROVED		DATE	
Maple Leaf Enterprises		J. BURNS				3/7/07	

KGS GROUP		SUMMARY LOG		HOLE NO. TH-20	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06		
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.			
SITE		TOP OF PVC ELEV.			
LOCATION	Near Gate at Southeast Corner/7.0 m North of Fence and 13.0 m West of Fence	WATER ELEV.			
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	31-May-07		
		UTMs (NAD83)	N E		

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●				
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○				
						250	500	750	1000	
						1000	2000	3000	4000	
			ASPHALT		1					
			SAND AND GRAVEL (LIMESTONE) FILL - Dark brown, wet, loose. - Yellow-brown, oxidized below 0.23 m.		2					
	0.5		SILTY CLAY - Dark brown to black, moist, firm.							
	1.0		SILTY CLAY - Dark brown to black, damp to moist, firm, intermediate to high plasticity.							
	1.5		- Brown below 1.68 m.							
	2.0									
	2.5									
	3.0		END OF HOLE AT 3.05 m.							
	3.5									
	4.0									
	4.5									

SAMPLE TYPE		Auger Grab
CONTRACTOR	INSPECTOR	
Maple Leaf Enterprises	J. BURNS	
APPROVED	DATE	3/7/07

		SUMMARY LOG		HOLE NO. TH-21	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06		
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.			
SITE		TOP OF PVC ELEV.			
LOCATION	10.9 m South of Pump Island Ballards at East End of Pump Island	WATER ELEV.			
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	31-May-07		
		UTMs (NAD83)	N E		

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●					
						250	500	750	1000		
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○					
						1000	2000	3000	4000		
	0.5		SAND AND GRAVEL (LIMESTONE) FILL - Brown, wet, loose. - Yellow-brown, oxidized below 0.10 m.		1						
	1.0		SILTY CLAY - Dark grey to grey brown, damp to moist, stiff.		2						
	1.22		END OF HOLE AT 1.22 m.								
	1.5										
	2.0										
	2.5										
	3.0										
	3.5										
	4.0										
	4.5										

SAMPLE TYPE		Auger Grab
CONTRACTOR		INSPECTOR
Maple Leaf Enterprises		J. BURNS
APPROVED		DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-22	SHEET 1 of 1
CLIENT CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT			JOB NO. 07-107-06		
PROJECT INSECT CONTROL BRANCH			GROUND ELEV.		
SITE			TOP OF PVC ELEV.		
LOCATION 9.0 m East of Cinder Block Equipment Storage Building and 15.0 m South of Garage			WATER ELEV.		
DRILLING METHOD 125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			DATE DRILLED 31-May-07		
			UTMs (NAD83) N E		
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ● 250 500 750 1000
					FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○ 1000 2000 3000 4000
	0.5		<u>3/4" LIMESTONE</u> - Tan, newly installed.	1 ●	
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Yellow-brown, heavily oxidized.	1 ○	
	1.0		<u>SILTY CLAY</u> - Dark brown to black, stiff, intermediate to high plasticity.	2 ●	
			- Grey brown below 0.91 m.	2 ○	
			END OF HOLE AT 1.22 m.		
	1.5				
	2.0				
	2.5				
	3.0				
	3.5				
	4.0				
	4.5				
SAMPLE TYPE			Auger Grab		
CONTRACTOR		Maple Leaf Enterprises		INSPECTOR	J. BURNS
				APPROVED	DATE 3/7/07

KGS GROUP		SUMMARY LOG		HOLE NO. TH-23	SHEET 1 of 1
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT			JOB NO.	07-107-06
PROJECT	INSECT CONTROL BRANCH			GROUND ELEV.	
SITE				TOP OF PVC ELEV.	
LOCATION	7.5 m South of Garage Bay Eastmost Door and 8.0 m North of TH-22			WATER ELEV.	
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig			DATE DRILLED	31-May-07
				UTMs (NAD83)	N E

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			<u>3/4" LIMESTONE</u> - Tan, newly installed.						
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose. - Yellow-brown, oxidized below 0.10 m.		1				
	0.5		<u>SILTY CLAY</u> - Dark grey to black.						
			<u>SILTY CLAY</u> - Grey-black to grey brown, damp, stiff, intermediate plasticity.		2				
	1.0								
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE	Auger Grab
CONTRACTOR	Maple Leaf Enterprises
INSPECTOR	J. BURNS
APPROVED	_____ DATE 3/7/07

		SUMMARY LOG		HOLE NO. TH-24		SHEET 1 of 1	
CLIENT	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT	JOB NO.	07-107-06				
PROJECT	INSECT CONTROL BRANCH	GROUND ELEV.					
SITE	Old Malathion Spill	TOP OF PVC ELEV.					
LOCATION	6.0 m North of Equipment Building and 3.0 m East of Storage Building	WATER ELEV.					
DRILLING METHOD	125 mm ø Solid Stem Auger, B-40 Truck Mounted Rig	DATE DRILLED	31-May-07				
		UTMs (NAD83)	N E				

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	FIELD HEADSPACE TEST Photoionizable Vapours (ppm) ●			
						250	500	750	1000
						FIELD SOIL TEST (PETROFLAG) Diesel Fuel (ppm) ○			
						1000	2000	3000	4000
			<u>SAND AND GRAVEL (LIMESTONE) FILL</u> - Dark brown, wet, loose.		1				
	0.5		<u>SILTY CLAY</u> - Dark brown to black, moist, firm.		08				
	1.0		<u>SILT</u> - Light brown, wet, soft, low plasticity.		07				
			END OF HOLE AT 1.22 m.						
	1.5								
	2.0								
	2.5								
	3.0								
	3.5								
	4.0								
	4.5								

SAMPLE TYPE		Auger Grab
CONTRACTOR		INSPECTOR
Maple Leaf Enterprises		J. BURNS
APPROVED		DATE
		3/7/07