



APPENDIX G

Field Work Documentation

Surface Water Sampling Record Form

Project Number	117613201
Client	Independence Kruestyetter
Site Location	CFA, Fiskeville

Date	8/2/2012
Sampled by	UNC/TK
Weather	Dry + Cool

Sampling Methodology	Dedicated boaters
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Surface Water Sampling Data

Sample Location	Sample ID	Temperature (°C)	Dissolved Oxygen (ppm)	Electric Conductivity (µS/cm)	pH	Observations
Kalee Fiskeville	8W01	17.6	5.90	269.4	7.25	OA (yellow, Med Turb)
Kalee Fiskeville	8W02	17.7	7.79	285.3	7.7	OA (" ")
Dist 4	8W03	17.4	9.59	553	9.21	OA (clear)
Dist 3	8W04	20.3	12.21	633	9.61	OA (plants, clear)
Dist 2	8W05	20.4	21.18	573	8.81	OA
Dist 1	8W06*	19.8	9.51	460	9.11	2C (MC sheen + colour)
* Duplicate + Triplicate sample						



REPORT OF BOREHOLE: A6PT1

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.00 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description			
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0					FILL - Sandy SILT, low liquid limit, pale brown sand, fine to coarse grained sand		
			0.5	0.50	A6PT1/2001 0.20-0.60 m R = 0A PID = 0.2 ppm			Silty CLAY, high plasticity, pale grey to dark brown, trace fine grained subrounded gravel	D	
			1.0	1.00	A6PT1/2002 0.70-0.10 m R = 0A PID = 0.2 ppm			END OF BOREHOLE @ 1.00 m Refusal @ 1.0mbgl		
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							
			5.0							

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REPORT OF BOREHOLE: A6PT2

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.20 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0				FILL - Sandy SILT, low liquid limit, dark brown, fine to coarse grained, fine grained gravel		
			0.50	A6PT2/2001 0.50-0.80 m R = 0A PID = 0.3 ppm			Silty CLAY, high plasticity, pale grey to dark brown with some fine grained sand	D	
PT			1.20	A6PT2/2002 0.90-1.20 m R = 0A PID = 0.2 ppm			END OF BOREHOLE @ 1.20 m Refusal @ 1.2m		
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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REPORT OF BOREHOLE: A6PT3

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.50 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0	A6PT3/2001 0.20-0.50 m R = 0A PID = 0.0 ppm			FILL - Sandy SILT, low liquid limit, dark brown sand, fine to coarse grained, fine to coarse gravel		
PT			0.50					Silty CLAY, high plasticity, pale grey to dark brown with trace of fine to coarse grained sand	D
			1.50	A6PT3/2001 1.20-1.50 m R = 0A PID = 0.4 ppm			END OF BOREHOLE @ 1.50 m Refusal @ 1.5mbgl		
			5.0						

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REPORT OF BOREHOLE: A6PT4

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.30 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0	A6PT4/2001 0.00-0.30 m R = 0A PID = 0.2 ppm			FILL - Sandy SILT, low liquid limit, dark brown, soil is fine to coarse grained				
PT			0.50				Silty CLAY, high plasticity, pale grey to dark brown with trace of fine grained subrounded gravel				
			1.00	A6PT4/2002 1.00-1.30 m R = 0A PID = 0.4 ppm							
			1.30				END OF BOREHOLE @ 1.30 m Refusal @ 1.3				
			1.50								
			2.00								
			2.50								
			3.00								
			3.50								
			4.00								
			4.50								
			5.00								

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REPORT OF BOREHOLE: A6PT5

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 0.50 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description			
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0		A6PTS/2001 0.20-0.50 m R = 0A PID = 0.3 ppm			FILL - Sandy SILT, low liquid limit, pale brown sand is fine to coarse grained, trace of fine grained sand	D	
			0.5	0.50				END OF BOREHOLE @ 0.50 m Refusal @ 0.5mbgl		
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							
			5.0							

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REPORT OF BOREHOLE: A6PT6

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.50 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description					
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0		A6PT6/2001 0.20-0.50 m R = 0A PID = 0.4 ppm			FILL - Sandy SILT, low liquid limit, pale brown sand is fine to coarse grained, trace of fine to medium grained gravel				
PT			0.5	0.50					Silty CLAY, high plasticity, pale grey to dark brown, trace of fine to coarse grained subrounded sand		D	
			1.5	1.50	A6PT6/2002 1.20-1.50 m R = 0A PID = 0.5 ppm			END OF BOREHOLE @ 1.50 m Refusal @ 1.5mbgl				
			5.0									

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REPORT OF BOREHOLE: A6PT7

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.50 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description					
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0		A6PT7/2001 0.20-0.30 m R = 0A PID = 0.3 ppm			FILL - Sandy SILT, low liquid limit, pale brown sand is fine to coarse grained				
PT			0.5	0.50					Silty CLAY, high plasticity, pale grey to dark brown, trace of fine subrounded gravel		D	
			1.5	1.50	A6PT7/2002 1.20-1.50 m R = 0A PID = 0.2 ppm			END OF BOREHOLE @ 1.50 m Refusal @ 1.5m				
			5.0									

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REPORT OF BOREHOLE: A6PT8

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.10 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0				FILL - Sandy SILT, low liquid limit, brown sand is fine to coarse grained, trace of fine grained gravel		
			0.50	A6PT8/2001 0.30-0.60 m R = 0A PID = 0.3 ppm					
PT			1.0	AGPT8/2002 0.80-1.10 m R = 0A PID = 0.8 ppm			Silty CLAY, high plasticity, pale grey to dark brown, trace of fine subrounded gravel		
			1.10				END OF BOREHOLE @ 1.10 m Refusal @ 1.1 mbgl		
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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REPORT OF BOREHOLE: A6PT9

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.10 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling			Sampling			Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0					FILL - Sandy SILT, low liquid limit, pale brown sand is fine to coarse grained, trace of fine grained gravel		
			0.40		A6PT9/2001 0.30-0.60 m R = 0A PID = 0.3 ppm			Silty CLAY, high plasticity, pale grey to dark brown, trace of fine subrounded gravel	D	
			1.0		A6PT9/2002 0.70-1.00 m R = 0A PID = 0.9 ppm					
			1.10					END OF BOREHOLE @ 1.10 m Refusal @ 1.1mbgl		
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							
			5.0							

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REPORT OF BOREHOLE: A6PT10

SHEET: 1 OF 1

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 0.80 m

DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 13/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description						
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0						FILL - Sandy SILT, low liquid limit, pale brown, sand is fine to coarse grained, trace fine grained gravel				
			0.20						Silty CLAY, high plasticity, pale grey to dark brown				
PT			0.5		A6PT10/2001 0.50-0.80 m R = 0A PID = 0.5 ppm								
			0.80						END OF BOREHOLE @ 0.80 m Refusal @ 0.8m				
			1.0										
			1.5										
			2.0										
			2.5										
			3.0										
			3.5										
			4.0										
			4.5										
			5.0										

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REPORT OF BOREHOLE: A7PT3

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.10 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 14/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description					
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0		A7PT3/2001 0.20-0.85 m R = 0A PID = 0.2 ppm			FILL - Sandy SILT, low liquid limit, pale brown, fine to medium grained sand, trace fine to coarse grained gravel				
			0.5	0.50				Sandy Silty CLAY, high plasticity, pale grey to orange brown, sand is fine grained				
PT			1.0	1.10	A7PT3/2002 0.80-1.10 m R = 0A PID = 0.3 ppm			END OF BOREHOLE @ 1.10 m Refusal @ 1.1mbgl				
			1.5									
			2.0									
			2.5									
			3.0									
			3.5									
			4.0									
			4.5									
			5.0									

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REPORT OF BOREHOLE: A7PT4

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.20 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 14/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0				FILL - Sandy SILT, low liquid limit, pale brown, fine to red grained sand, trace of fine gravel				
HA			0.55	A7PT4/2001 0.30-0.60 m R = 0A PID = 0.2 ppm			Silty CLAY, high plasticity, pale grey to orange brown, trace of fine to medium grained sand	D			
PT			1.20	A7PT4/2002 0.80-1.20 m R = 0A PID = 0.3 ppm							
							END OF BOREHOLE @ 1.20 m Refusal @ 12mbgl				

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REPORT OF BOREHOLE: A7PT5

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.40 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 14/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0				FILL - Sandy SILT, low liquid limit, pale brown, fine to medium grained sand, trace fine grained gravel				
HA			0.50	A7PT5/2001 0.50-0.80 m R = 0A PID = 0.3 ppm			Silty CLAY, high plasticity, pale grey to brown, orange some fine grained sand, trace of coarser grained gravel		D		
PT			1.00	A7PT5/2002 1.00-1.40 m R = 0A PID = 0.3 ppm					M		
			1.40				END OF BOREHOLE @ 1.40 m Refusal @ 1.4mbgl				
			1.5								
			2.0								
			2.5								
			3.0								
			3.5								
			4.0								
			4.5								
			5.0								

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REPORT OF BOREHOLE: A7PT6

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.40 m

SHEET: 1 OF 1
 DRILL RIG: Geprobe
 DRILLER: SWD
 LOGGED: RM DATE: 14/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description					
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0					FILL - Sandy SILT, low liquid limit, pale brown sand is fine to coarse grained, trace of fine grained gravel				
			0.5		A7PT6/2001 0.50-0.80 m R = 0A PID = 0.2 ppm			Silty CLAY, high plasticity, pale grey to orange brown, some fine grained sand				
PT			1.0		A7PT6/2002 1.00-1.40 m R = 0A PID = 0.3 ppm							
			1.40						END OF BOREHOLE @ 1.40 m Refusal @ 1.4mbgl			
			1.5									
			2.0									
			2.5									
			3.0									
			3.5									
			4.0									
			4.5									
			5.0									

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REPORT OF BOREHOLE: A7PT7

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.40 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 14/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0				FILL - Sandy SILT, low liquid limit, pale brown, fine to coarse grained sand				D
			0.50	A7PT7/2001 0.50-1.00 m R = 0A PID = 0.2 ppm			Silty CLAY, high plasticity, pale grey to orange to brown, trace of fine to medium grained sand				
PT			1.0	A7PT7/2002 1.00-1.40 m R = 0A PID = 0.3 ppm							M
			1.40				END OF BOREHOLE @ 1.40 m Refusal @ 1.4mbgl				
			1.5								
			2.0								
			2.5								
			3.0								
			3.5								
			4.0								
			4.5								
			5.0								

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REPORT OF BOREHOLE: A7TP1

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.80 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 14/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling			Field Material Description			
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0					FILL - Sandy SILT, low liquid limit, pale brown , sand is fine to coarse grained		
HA			0.5	0.50	A7PT1/2001 0.50-0.80 m R = 0A PID = 0.3 ppm			Silty CLAY, high plasticity, pale grey to orange brown, trace of fine to coarse grained sand, coarse grained gravel intrusions from 1.3mbgl	D	
PT			1.5	1.50	A7PT1/2002 1.50-1.80 m R = 0A PID = 0.3 ppm			END OF BOREHOLE @ 1.80 m Refusal @ 1.8 mbgl	M	
			1.80	1.80						
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							
			5.0							

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REPORT OF BOREHOLE: A8HA1

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 0.50 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 10/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0						
			0.10				FILL - Clayey Sandy GRAVEL, fine to coarse grained, subrounded to subangular, orange to brown to grey, sand is fine to coarse grained		
			0.25				FILL - Silty Clayey SAND, medium to coarse grained, yellowish brown to red, trace of fine grained subangular gravel		
			0.50	A8HA1/2001 0.30-0.50 m R = 0B PID = 2.0 ppm			Silty CLAY, high plasticity, pale grey to brown, trace of fine grained sand		
			0.5				END OF BOREHOLE @ 0.50 m Refusal @ 0.5mbgl		
			1.0						
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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REPORT OF BOREHOLE: A8HA2

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 1.10 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 15/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0				Sandy gravelly SILT, low liquid limit, dark brown, sand is fine to coarse grained, subangular, fine to medium grained gravel		
			0.30						
			0.50	A8HA2/2001 0.50-1.10 m R = 1D PID = 0.8 ppm			Silty CLAY, high plasticity, pale grey to orange brown, trace of fine to medium grained sand		
HA			0.5				Clayey SILT, low liquid limit, dark grey to black, high plasticity clay with some wooden pieces and roots		
			1.0						
			1.10				END OF BOREHOLE @ 1.10 m Refusal @ 1.1mbgl		
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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REPORT OF BOREHOLE: A8HA3

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 0.50 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 10/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0				FILL - Silty Clayey SAND, fine to coarse grained yellowish brown coal, high plasticity clay		
			0.10				Silty CLAY, high plasticity, pale grey to brown, trace of fine grained sand		
			0.50	A8HA3/2001 0.30-0.50 m R = 0A PID = 0.2 ppm			END OF BOREHOLE @ 0.50 m Refusal @ 0.5mbgl		
			1.0						
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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REPORT OF BOREHOLE: A8HA4

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 0.90 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 15/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0				Sandy Gravelly SILT, low liquid limit, dark brown sand is fine to coarse grained, fine to medium grained subangular gravel		
			0.20				Silty CLAY, high plasticity, pale grey to orange brown, trace of fine grained sand		
			0.60	A8HA4/2001 0.60-0.90 m R = 1D PID = 1.3 ppm			Sandy Clayey SILT, low liquid limit, dark grey to black, sand is fine to medium grained, some roots and wooden pieces		
			0.90				END OF BOREHOLE @ 0.90 m Refusal @ 0.9mbgl		
			1.0						
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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REPORT OF BOREHOLE: A8HA5

CLIENT: CFA
 PROJECT: Independent Investigation
 LOCATION: Fiskville
 JOB NO: 117613201

POSITION:
 SURFACE RL: m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 50 mm HOLE DEPTH: 0.80 m

SHEET: 1 OF 1
 DRILL RIG: Geoprobe
 DRILLER: SWD
 LOGGED: RM DATE: 15/2/12
 CHECKED: NMC DATE: 19/3/12

Drilling				Sampling	Field Material Description				
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USC Symbol	SOIL / ROCK MATERIAL DESCRIPTION	MOISTURE CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
HA			0.0						
			0.20				Sandy Gravelly SILT, low liquid limit, dark brown and orange sand is fine to coarse grained, fine to coarse grained gravel		
			0.50				Silty CLAY, high plasticity, pale grey to orange brown, trace of fine grained sand	M	
			0.80	A8HA5/2001, A8HAS/2801, A8HAS/2901 0.50-0.80 m R = 1D PID = 1.3 ppm			Sandy Clayey SILT, low liquid limit, dark grey to black, sand is fine to medium grained, some roots and wooden pieces		
			1.0				END OF BOREHOLE @ 0.80 m Refusal @ 0.8mbgl		
			1.5						
			2.0						
			2.5						
			3.0						
			3.5						
			4.0						
			4.5						
			5.0						

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