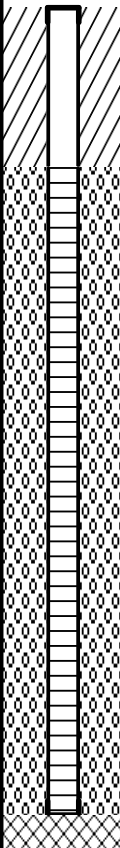







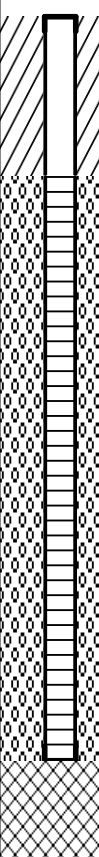

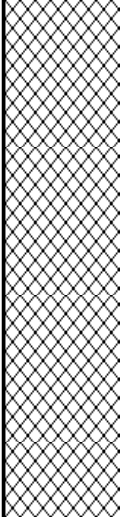

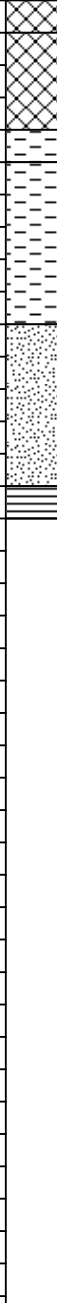


BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS 108		PAGE 1 OF 1	
	NUMBER	TYPE					DRILLING DATES: 11/9/01		DRILLING METHODS : Window Sample	
							DRILLER : GRL		BOREHOLE DIAMETER : 50mm	
							LOGGED BY : ML		SCREEN TYPE & DIAM: uPVC 35mm	
							CHECKED BY : JM		SCREEN SLOT SIZE: 2mm	
	0.7-0.8m- Metals, TOC , PSD						DESCRIPTION		COMMENTS	
							0.0	MADE GROUND: Loose limestone gravel hardcore.	Damp, black staining and slight hydrocarbon odour.	0.0
								MADE GROUND: Medium dense light grey medium gravel with some brown/orange reworked clay.		
							0.5	MADE GROUND: Medium dense brown fine and medium sand with some fine/medium gravel, occasional coarse gravel and rare reworked clay.		0.5
								MADE GROUND: Firm light brown/orange reworked clay with some fine/medium gravel.	Wet, black staining and slight hydrocarbon odour.	
							1.0	MADE GROUND: Soft dark brown reworked silty clay with some fine/medium sand and black mottling.		1.0
								MADE GROUND: Compacted loose brown fine gravel with some medium and coarse sand.	Slightly damp, NVO	
							1.5	Firm/stiff dark brown CLAY with some black mottling and occasional silt and fine gravel.		1.5
								Soft light brown CLAY with some black mottling, silt and fine sand.	Slightly damp, NVO	
							2.0	Soft/firm light brown CLAY with much fine sand and some black mottling.		2.0
								Soft dark brown/grey fine SAND with occasional clay and fine gravel.	Slightly damp, NVO	
							2.5	Dense light brown fine/medium SAND with some fine gravel and occasional red sand mottling. Becoming with much red sand and some fine/medium gravel of sandstone.		2.5
								Borehole completed at 2.6mbgl due to sandstone layer.		
							3.0			3.0
							3.5			3.5
							4.0			4.0








LOCATION / NOTES:		LEGEND		BOREHOLE LOG			
NVO = No visual or olfactory evidence of contamination		<div><div></div> Disturbed Sample</div> <div><div></div> Undisturbed Sample</div> <div><div></div> Headspace Analysis</div> <div><div></div> Down Borehole Analysis</div> <div><div></div> Groundwater Table</div> <div><div></div> Perched Water Table</div>		Job Title: Phase II Soil & Groundwater Investigation			
Location: Whitehaven, Cumbria				App'd: JM		Date: OCT 2001	
Client: Rhodia				Drawn : AF		Ref: AF/ML/420	
				Scale: as shown		Job No: 44557-021-420	
				Drg. Size: A4		BOREHOLE LOG	

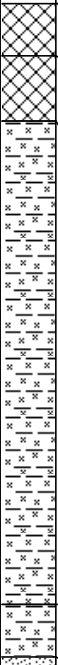
BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS 109		PAGE 1 OF 1	
	NUMBER	TYPE					DRILLING DATES: 11/9/01		DRILLING METHODS : Window Sample	
							DRILLER : GRL		BOREHOLE DIAMETER : 50mm	
							LOGGED BY : ML		SCREEN TYPE & DIAM: uPVC 35mm	
							CHECKED BY : JM		SCREEN SLOT SIZE: 2mm	
							DESCRIPTION	COMMENTS		
	0.1-0.3m-SVOC,TOC	*0.2 *0.0  *0.0  *0.0			0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0	      	MADE GROUND: Loose limestone gravel hardcore.	Dry,NVO	0.0	
							MADE GROUND: Medium dense light brown medium sand with abundant white soft coarse sand and crystals and some fine gravel and fine and coarse sand.			
							Soft/firm light brown CLAY with some black mottling and fine gravel.		0.5	
							Soft/firm dark brown CLAY with some fine sand and fine gravel.  becoming with much fine sand and some fine gravel of sandstone and rare clay.	Damp,NVO	1.0	
							Medium dense light brown fine/medium SAND with much coarse gravel of sandstone and rare clay.	Wet/damp, NVO	2.0	
							Borehole completed at 2.6mbgl due to obstruction.		2.5	
									3.0	
									3.5	
									4.0	








LOCATION / NOTES:		LEGEND		BOREHOLE LOG			
NVO = No visual or olfactory evidence of contamination		Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table		Job Title: Phase II Soil & Groundwater Investigation Location: Whitehaven,Cumbria Client: Rhodia			
						App'd: JM Date: OCT 2001	
				Drawn : AF		Ref: AF/ML/420	
				Scale: as shown		Job No: 44557-021-420	
				Drg. Size: A4		BOREHOLE LOG	

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS 111		PAGE 1 OF 1	
	NUMBER	TYPE					DRILLING DATES: 11/9/01		DRILLING METHODS : Window Sample	
							DRILLER : GRL		BOREHOLE DIAMETER : 50mm	
							LOGGED BY : ML		SCREEN TYPE & DIAM: -	
							CHECKED BY : JM		SCREEN SLOT SIZE: -	
	0.8-1.0m-SVOC,TOC PSD		*0.0		DESCRIPTION		COMMENTS			
					MADE GROUND: Limestone gravel hardcore.		Dry,NVO	0.0		
					MADE GROUND: Loose dark brown/black coarse sand with some fine gravel and coarse gravel of sandstone, occasional black fused ash and rare light brown clay.		Dry,NVO			
					Soft/firm dark brown CLAY with some black mottling and silt and rare light brown rootlets.		Dry,NVO	0.5		
					Soft/firm light brown/orange CLAY with some fine sand and rare rounded medium gravel. becoming soft/very soft with depth and much fine sand.		Slightly damp,NVO			
					Very soft light brown fine SAND with some clay, occasional fine gravel and rare black coarse sand.		Very damp,NVO	1.0		
					Hard cemented light grey MUDSTONE.		Dry,NVO	1.5		
					Borehole completed at 1.6mbgl due to hard mudstone.					
								2.0		
								2.5		
			3.0							
			3.5							
			4.0							

<b>LOCATION / NOTES:</b> NVO = No visual or olfactory evidence of contamination	<b>LEGEND</b>  Disturbed Sample  Undisturbed Sample  Headspace Analysis  Down Borehole Analysis  Groundwater Table  Perched Water Table	<b>BOREHOLE LOG</b>			
		Job Title: Phase II Soil & Groundwater Investigation			
		Location: Whitehaven, Cumbria			
		Client: Rhodia			
				App'd: JM Drawn : AF Scale: as shown Drg. Size: A4	Date: OCT 2001 Ref: AF/ML/420 Job No: 44557-021-420 BOREHOLE LOG

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP751F		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 6th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : ML		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
				DESCRIPTION		COMMENTS				
0.2m Leachate: (TPH-CWG, SVOC) Soil: (Total Cyanide, VOC, TPH- CWG, SVOC)	X	*0.0	-14	0.0		MADE GROUND: gravel of limestone resting on geotextile mat	Dry, NVO  Damp, black staining, hydrocarbon odour and black water in trial pit, sweet odour	0.0		
				MADE GROUND: firm dark brown slightly friable clayey silt with rare fine sand and occasional fine gravel and coal or shale		Damp, NVO				
				Firm red-brown crumbly clayey SILT with fine grey and orange sand veins and occasional fine gravel						
				Stiff red-brown friable clayey SILT with occasional fine to medium gravel						
				Red-brown fine to medium SAND with fragments of fine to medium gravel of friable sandstone					Very damp / wet, oily look	
Terminated at 2.7m due to ingress of groundwater										
2.6m Soil: (Metals, TPH(ali/aro split))	X	*0.0	-14	2.5			2.5			
3.0						3.0				
3.5						3.5				
4.0						4.0				
				4.5			4.5			
				5.0			5.0			

LOCATION / NOTES:		LEGEND		BOREHOLE LOG	
NVO = No visual or olfactory evidence of contamination		 Disturbed Sample		Job Title: Plots D,E,F,G, A & C Site Investigations	
Ground Level 95.104 mAOD		 Undisturbed Sample		Location: Whitehaven	
Trial pit is backfilled with spoil		 Headspace Analysis		Client: Rhodia	
		 Down Borehole Analysis			
		 Groundwater Table		App'd: _____	
		 Perched Water Table		Date: 09/03/07	
				Drawn : VS	
				Ref: Plot F	
				Scale: as shown	
				Job No: 44320215	
				Drg. Size: A4	
				BOREHOLE LOG	

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP752F		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 6th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : ML		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
0.25m Leachate: (additional parameters* *) Soil: (VOC, Ammonium, Nitrate, additional parameters* *)  0.8m Leachate: (additional parameters* **) Soil: (Surfactants, Metals, TPH-CWG, additional parameters* ***)  2.5m Soil: (TPH (ali/aro split))  2.85m Soil: (TPH- CWG)	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	*34.3  <							





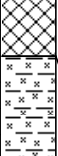
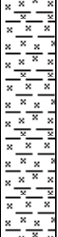


BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP753F		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 6th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : ML		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
0.7m Leachate: (Metals) Soil: (Surfactants, Metals, Total Cyanide, Orthophosp hate, Sulphate, pH, TPH- CWG, VOS, SVOC, PCB, Ammonium, Nitrate)		<div><div></div></div>	DESCRIPTION		COMMENTS					
			MADE GROUND: concrete hardstanding		Dry, NVO					
			MADE GROUND: brown silt, sand and gravel with bricks fragments, electrical cables and re-bar; Metal piping at 0.2m bgl. At 0.8m bgl thick copper cable (5" diameter) surrounded with medium coarse orange sand and electrical coverings		Dry, NVO					
			Terminated at 1m due to underground services							
LOCATION / NOTES:		LEGEND		BOREHOLE LOG						
NVO = No visual or olfactory evidence of contamination		<div><div></div> Disturbed Sample</div> <div><div></div> Undisturbed Sample</div> <div><div></div> Headspace Analysis</div> <div><div></div> Down Borehole Analysis</div> <div><div></div> Groundwater Table</div> <div><div></div> Perched Water Table</div>		Job Title: Plots D,E,F,G, A & C Site Investigations						
Ground Level 94.354 mAOD				Location: Whitehaven						
Trial pit is backfilled with spoil				Client: Rhodia						
				<div>URS</div>		App'd:	Date: 09/03/07			
						Drawn : VS	Ref: Plot F			
						Scale: as shown	Job No: 44320215			
						Drg. Size: A4	BOREHOLE LOG			








BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP754F		PAGE 1 of 1									
	NUMBER	TYPE					DRILLING DATES: 5th March 2007		DRILLING METHODS : Trial Pitting									
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a									
							LOGGED BY : VS		SCREEN TYPE & DIAM: n/a									
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a									
DESCRIPTION		COMMENTS																
0.45m Leachate: (Metals) Soil: (Metals, Total Cyanide, pH, TPH- CWG, SVOC)	X	*0.0	X	*0.0	0.0		MADE GROUND: gravel of limestone		Dry, NVO	0.0								
							MADE GROUND: soft dark brown, very silty clay with fragments of coal or shale, gravel, sand, pottery, plastic and brick		Dry, NVO	0.2								
							MADE GROUND: gravel and cobbles of limestone, some black ash, soft red-brown friable siltstone and fragments of coal or shale		Dry, NVO	0.5								
							Grey very silty CLAY with red to yellow-brown mottling, fine gravel and coal or shale			1.0								
							Yellow-brown clayey SILT with some medium to coarse gravel of sandstone		Dry, NVO	1.2								
							Very friable yellow-brown to red-orange-brown friable SANDSTONE with little fragments of coal or shale			1.5								
							Very soft red-brown silty sandy GRAVEL of sandstone, siltstone and limestone, with little fragments of coal or shale		Damp, NVO	2.0								
							BEDROCK: due to groundwater ingress no identification of bedrock was possible			2.5								
										3.0								
										3.5								
			4.0															
			4.5															
			5.0															
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination  Ground Level 94.555 mAOD Trial pit is backfilled with spoil																		
LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table																		
BOREHOLE LOG Job Title: Plots D,E,F,G, A & C Site Investigations Location: Whitehaven Client: Rhodia <table><tr><td>App'd:</td><td>Date: 09/03/07</td></tr><tr><td>Drawn : VS</td><td>Ref: Plot F</td></tr><tr><td>Scale: as shown</td><td>Job No: 44320215</td></tr><tr><td>Drg. Size: A4</td><td>BOREHOLE LOG</td></tr></table>											App'd:	Date: 09/03/07	Drawn : VS	Ref: Plot F	Scale: as shown	Job No: 44320215	Drg. Size: A4	BOREHOLE LOG
App'd:	Date: 09/03/07																	
Drawn : VS	Ref: Plot F																	
Scale: as shown	Job No: 44320215																	
Drg. Size: A4	BOREHOLE LOG																	

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP755F		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 5th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : VS		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
0.25m Leachate: (additional parameters*) Soil: (TPH-CWG, PCB, additional parameters*)	X	*0.0	-	-	0.0		MADE GROUND: gravel of limestone		Dry, NVO Dry, NVO	0.0
							MADE GROUND: gravel with grey clay and brick fragments			
							MADE GROUND: gravel with brown sand and whole brick, boulders, cobbles of concrete and granular black ash		Dry, NVO	0.5
									Slightly damp, NVO	1.0
									Slightly damp, NVO	1.5
									Dry, NVO	2.0
1.1m Leachate: (Orthophosphate) Soil: (Metals, Orthophosphate, VOC, TOC/PSD)	X	*0.0	-	-	1.5		Soft orange to red-brown clayey SILT with occasional sandstone fragments		Dry, NVO	2.5
1.5m Leachate: (Surfactants, Sulphate, pH) Soil: (Sulphate, pH, Ammonium, Nitrate)	X	*0.0	-	-	2.5		Terminated at 2.5m red friable cobbles of red SANDSTONE. Assumed to be weathered bedrock.		Dry, NVO, abandoned excavation due to gw ingress	3.0
2.5m Leachate: (TPH-CWG) Soil: (TPH (ali/aro split), TOC/PSD)	X	*0.0	-	-	3.0					

LOCATION / NOTES:		LEGEND		BOREHOLE LOG	
NVO = No visual or olfactory evidence of contamination		Disturbed Sample		Job Title: Plots D,E,F,G, A & C Site Investigations	
Ground Level 94.687 mAOD		Undisturbed Sample		Location: Whitehaven	
Trial pit is backfilled with spoil		Headspace Analysis		Client: Rhodia	
**Additional parameters at 0.25m: Metals, Total Cyanide, SVOC		Down Borehole Analysis			
		Groundwater Table		App'd: _____	
		Perched Water Table		Date: 09/03/07	
				Drawn : VS	
				Ref: Plot F	
				Scale: as shown	
				Job No: 44320215	
				Drg. Size: A4	
				BOREHOLE LOG	



BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP756F		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 6th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : ML		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
0.3m Leachate: (additional parameters* ) Soil: (TPH- CWG, VOC, SVOC, Ammonium, Nitrate, additional parameters* )  0.55m Soil: (Metals, TPH(ali/aro split), VOC)  Water Grab: (Metals, TPH-CWG)	 	*0.0  *0.0		0.0		MADE GROUND: gravel of limestone resting on geotextile mat	Dry, NVO Damp, Perfume odour, sheen   Damp, NVO	0.0		
				0.5		MADE GROUND: gravelly black and silty brown ash with some brown silty clay and frequent clinker and brick fragments towards one end of excavation. Slight foam on agitations, black water ingressing into trial pit		0.5		
				1.0		Soft slightly friable light brown clayey SILT with occasional fine gravel and fragments of coal and shale		1.0		
				1.5		Terminated at 1.8m due to possible contamination from the ingress of groundwater		1.5		
				2.0		Terminated at 1.8m due to possible contamination from the ingress of groundwater		2.0		
				2.5					2.5	
				3.0					3.0	
				3.5					3.5	
				4.0					4.0	
				4.5					4.5	
				5.0					5.0	

LOCATION / NOTES:		LEGEND		BOREHOLE LOG	
NVO = No visual or olfactory evidence of contamination		 Disturbed Sample		Job Title: Plots D,E,F,G, A & C Site Investigations	
Ground Level 95.024 mAOD		 Undisturbed Sample		Location: Whitehaven	
Trial pit is backfilled with spoil		 Headspace Analysis		Client: Rhodia	
**Additional parameters at 0.3m: Surfactants, Metals, Total Cyanide, Ortho Phosphate, Sulphate, pH		 Down Borehole Analysis			
		 Groundwater Table			
		 Perched Water Table			
				App'd:	Date: 09/03/07
				Drawn : VS	Ref: Plot F
				Scale: as shown	Job No: 44320215
				Drg. Size: A4	BOREHOLE LOG