

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS 130		PAGE 1 OF 1	
	NUMBER	TYPE					DRILLING DATES: 18/9/01		DRILLING METHODS : Window Sample	
							DRILLER : GRL		BOREHOLE DIAMETER : 50mm	
							LOGGED BY : ML		SCREEN TYPE & DIAM: uPVC 30mm	
							CHECKED BY : JM		SCREEN SLOT SIZE: 2mm	
					0.0		DESCRIPTION		COMMENTS	0.0
					0.5	MADE GROUND: Reinforced concrete hardstanding (roadway).				
					0.5	MADE GROUND: Dense light grey fine gravel of limestone with some medium gravel of limestone, coarse light grey and brown sand and occasional coarse gravel of limestone and fine/medium sand.		Wet,plastic odour		0.5
					1.0	Very stiff/hard dark brown CLAY with some black mottling, occasional black fine gravel of coal and rare silt.		Dry,NVO		1.0
					1.0	Soft/firm light brown/orange CLAY with some silt and occasional black fine gravel of coal.		Dry,NVO		1.0
					1.2	Borehole complete at 1.2mbgl.Collapse to 0.8mbgl.				1.5
					1.5					1.5
					2.0					2.0
					2.5					2.5
					3.0					3.0
					3.5					3.5
					4.0					4.0

**LOCATION / NOTES:**

NVO = No visual or olfactory evidence of contamination

**LEGEND**

- Disturbed Sample
- Undisturbed Sample
- Headspace Analysis
- Down Borehole Analysis
- Groundwater Table
- Perched Water Table

**BOREHOLE LOG**

Job Title: Phase II Soil & Groundwater Investigation

Location: Whitehaven,Cumbria

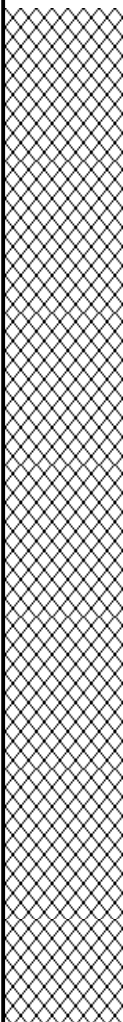





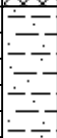
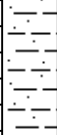
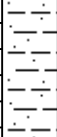
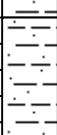

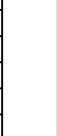
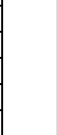
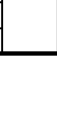
Client: Rhodia








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



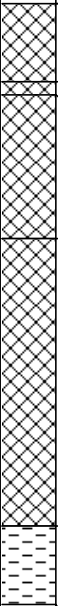
BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS418		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 31/3/05		DRILLING METHODS : Window sampler	
							DRILLER : GPS		BOREHOLE DIAMETER : 100mm	
							LOGGED BY : PR		SCREEN TYPE & DIAM: HDPE 50mm	
							CHECKED BY : LCH		SCREEN SLOT SIZE: 2mm	
				DESCRIPTION		COMMENTS				
	0.5m	* 0			0.0	MADE GROUND: Loose, brown sandy silt with medium-coarse angular gravel. Roots common.	Dry, NVO	0.0		
						MADE GROUND: Cobbles of limestone mostly >70mm.				
	0.75m				0.5	MADE GROUND: Angular, fine-coarse gravel of ash, slag and phosphate rock.	Dry, NVO	0.5		
						MADE GROUND:Light yellow/orange medium sand.				
	1.15m				1.0	MADE GROUND: Stiff, red brown clayey silt with occasional coarse gravel of pink/white rock (possibly phosphate rock). Occasional coarse gravel of sandstone and thin silt horizons.		1.0		
	1.25m					MADE GROUND: Sandstone boulder.	Dry, diesel odour			
					1.5	MADE GROUND: Silty sand. Metal fragment. Diesel or heavy fuel odour.	Diesel or heavy fuel odour	1.5		
						MADE GROUND: Soft, dark brown/black clay.				
					2.0	Becoming slightly more stiff and more silt rich. Occasional medium gravel of ash and sandstone.	Dry, NVO			
						Becoming more black. Resembles oil staining. No odour.	Becoming blackwith oil staining, no odour	2.0		
				2.5	Stiff, orange clayey SILT with occasional fine gravel of sandstone and orange mottling and occasional ash.		2.5			
				3.0	Becomes more red and soft.			3.0		
				3.5				3.5		
				4.0				4.0		
				4.5				4.5		
				5.0				5.0		








LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination  No groundwater encountered	<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 Investigations and Environmental assessments.	
		Location: The Former Albright and Wilson Works, Whitehaven, Cumbria	
		Client: Rhodia	
			App'd: NA Date: 07/04/05
			Drawn : NA Ref: NA
			Scale: NA Job No: 44319623
			Drg. Size: NA BOREHOLE LOG

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP516		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 31/3/05		DRILLING METHODS : Back hoe excavator	
							DRILLER : Hewden Hire		BOREHOLE DIAMETER : NA	
							LOGGED BY : PM		SCREEN TYPE & DIAM: NA	
							CHECKED BY : LCH		SCREEN SLOT SIZE: NA	
DESCRIPTION		COMMENTS								
	0.45m	 * 0			0.0		MADE GROUND: Brown, loose, silty sand with medium-coarse gravel and frequent cobbles of limestone.		Dry, NVO	0.0
					0.5		MADE GROUND: Loose, brown, silty sand with medium-coarse gravel of tarmac, red brick and concrete and occassional thin clay layers.		Dry, NVO	0.5
	0.8m	 * 0			1.0		MADE GROUND: Gravel and cobbles of slag . Well compacted, difficult to excavate.		Dry, sulphurous smell.	1.0
		* 0			1.5		Soft-firm very sandy CLAY. Dark brown for top of 0.2m and then orange brown.			1.5
		* 0			2.0				Dry, NVO	2.0
		* 0			2.5		Becoming gravelly from 2.7m with occassional cobbles. Gravel is medium-coarse.			2.5
		* 0			3.0		Firm-stiff, grey brown, slightly sandy CLAY (possibly boulder clay) with gravel. Gravel mostly medium and subangular to subrounded.		Dry, NVO	3.0
					3.5					3.5
					4.0		Red brown, well compacted silty sand with angular medium-coarse angular gravel			4.0
					4.5					4.5
					5.0					5.0

<b>LOCATION / NOTES:</b> NVO = No visual or olfactory evidence of contamination  No groundwater encountered		<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 Investigations and Environmental assessments. Location: The Former Albright and Wilson Works, Whitehaven, Cumbria Client: Rhodia  <table><tr><td>App'd: NA</td><td>Date: 07/04/05</td></tr><tr><td>Drawn : NA</td><td>Ref: NA</td></tr><tr><td>Scale: NA</td><td>Job No: 44319623</td></tr><tr><td>Drg. Size: NA</td><td>BOREHOLE LOG</td></tr></table>		App'd: NA	Date: 07/04/05	Drawn : NA	Ref: NA	Scale: NA	Job No: 44319623	Drg. Size: NA	BOREHOLE LOG
App'd: NA	Date: 07/04/05												
Drawn : NA	Ref: NA												
Scale: NA	Job No: 44319623												
Drg. Size: NA	BOREHOLE LOG												



BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP759G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 8th 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	
0.6m Leachate: (Surfactants, pH, additional parameters* ) Soil: (Ammonium, Nitrate, additional parameters* )  0.9m Leachate: (Sulphate, TPH-CWG, SVOC) Soil: (SVOC)  2.3m Leachate: (Surfactants, pH, SVOC) Soil: (TPH (ali/aro split))	X	*0.0	X	*0.0	0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0		DESCRIPTION		COMMENTS	
							MADE GROUND: red-brown silt with rootlets		Dry, NVO	0.0
							MADE GROUND: concrete		Dry, NVO	
							MADE GROUND: brown granular very clayey slightly sandy fine to coarse gravel of limestone, with shale, plastic, wood and cobbles of concrete and bricks		Dry, NVO	0.5
							MADE GROUND: brown granular very clayey slightly sandy fine to coarse gravel of limestone, with shale, plastics, woods and frequent cobbles of concrete and bricks and with angular coarse gravel of grey coarse grained conglomerate with thick laminates of cement clinker		Dry, NVO	1.0
										1.5
										2.0
							Soft to firm dark brown slightly gravelly CLAY with fine to medium gravel of shale and limestone. Draw covered with concrete slab and pit was backfilled gently after 2.3m bgl.		Hit water pipe (6" diameter) at 2.2m bgl causing inflow of much water.	2.0
										2.5
										3.0
			3.5							
			4.0							
			4.5							
			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 85.154 mAOD		 Undisturbed Sample		Location: Whitehaven	
Trial pit is backfilled with spoil		 Headspace Analysis		Client: Rhodia	
**Additional parameters at 0.6m: Metals, Total Cyanide, Orthophosphate		 Down Borehole Analysis			
		 Groundwater Table		App'd:	Date: 09/03/07
		 Perched Water Table		Drawn : VS	Ref: Plot G
				Scale: as shown	Job No: 44320215
				Drg. Size: A4	BOREHOLE LOG



BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP761G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 8th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : LBU		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
0.3m Leachate: (Surfactants, Metals, Total Cyanide, Orthophosp hate, pH, TPH-CWG, additional parameters* ) Soil: (VOC, additional parameters* )	✕	*0.0	-14	0.0	MADE GROUND: hardstanding concrete with much rebar	Dry, NVO	0.0			
		*0.0		0.5	MADE GROUND: pale grey-brown angular coarse hardcore gravel		0.5			
			1.0	MADE GROUND: black ashy gravel sized clinker with frequent bricks and boulders of blue cement clinker	1.0					
			1.5	Firm to stiff red-brown slightly sandy CLAY with occasional subangular to rounded fine to coarse gravel and cobbles	1.5					
2.5m Leachate: (Surfactants, pH, SVOC) Soil: (TPH (ali/aro split))	✕	*0.0		2.5			2.5			
		*0.0		3.0			3.0			
						BEDROCK: Pale grey-yellow fine grained limestone		3.5		
								4.0		
								4.5		
								5.0		

LOCATION / NOTES:		LEGEND		BOREHOLE LOG	
NVO = No visual or olfactory evidence of contamination		<div>✕ Disturbed Sample</div> <div>■ Undisturbed Sample</div> <div>* Headspace Analysis</div> <div>⬇ Down Borehole Analysis</div> <div>≡ Groundwater Table</div> <div>≡ Perched Water Table</div>		Job Title: Plots D,E,F,G, A & C Site Investigations	
Ground Level 84.918 mAOD				Location: Whitehaven	
Trial pit is backfilled with spoil				Client: Rhodia	
**Additional parameters at 0.3m: Sulphate, SVOC				<div>URS</div>	
				App'd:	Date: 09/03/07
				Drawn : VS	Ref: Plot G
				Scale: as shown	Job No: 44320215
				Drg. Size: A4	BOREHOLE LOG



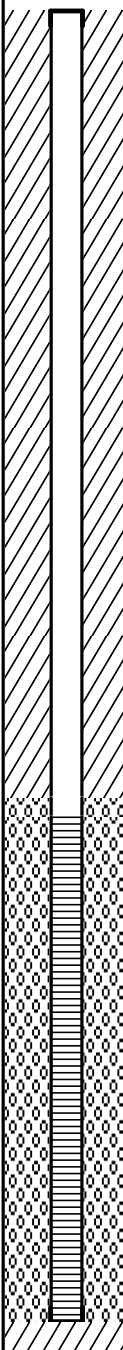







BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP762G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 8th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : KL		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
0.8m Leachate: (Surfactants, Metals, Total Cyanide, Orthophosp hate, pH) Soil: (pH)	X	*0.0	0.0	MADE GROUND: concrete hardstanding with rebar	Dry, strong sulphur odour	0.0				
			0.5	MADE GROUND: grey sandy gravelly clay with angular medium to coarse hardcore gravel with cobbles of concrete and wood		0.5				
			1.0	MADE GROUND: soft to firm brown slightly sandy slightly gravelly clay with angular fine gravel and pockets of black sandy clay and of yellow fine sand		1.0				
			1.5		Dry	1.5				
			2.0	Soft to firm orange-brown slightly sandy slightly gravelly CLAY with pockets of fine yellow sand		2.0				
			2.5			2.5				
1.5m Leachate: (Surfactants, Sulphate, pH, TPH- CWG, SVOC) Soil: (Sulphate, SVOC)	X	*0.0	3.0			3.0				
			3.5	Firm orange-brown slightly sandy CLAY with some angular to subangular fine to coarse gravel and cobbles, with pockets of black clay and peat with frequent rootlets		3.5				
			4.0	Red-brown gravelly SILT with angular to subangular fine to coarse gravel and frequent large cobbles	Dry, NVO	4.0				
			4.5			4.5				
			5.0	BEDROCK: grey / pink crystalline limestone		5.0				
			5.0m Leachate: (Surfactants, TPH-CWG, SVOC) Soil: (VOC, TOC/PSD)	X	*0.0					

LOCATION / NOTES:		LEGEND		BOREHOLE LOG	
NVO = No visual or olfactory evidence of contamination		<div><div>X</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 84.937 mAOD				Location: Whitehaven	
Trial pit is backfilled with spoil				Client: Rhodia	
				<div>URS</div>	
				App'd:	Date: 09/03/07
				Drawn : VS	Ref: Plot G
				Scale: as shown	Job No: 44320215
				Drg. Size: A4	BOREHOLE LOG

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP763G		PAGE 1 of 1														
	NUMBER	TYPE					DRILLING DATES: 8th 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																					
0.3m Leachate: (Surfactants, Metals, Total Cyanide, Orthophosp hate)	X	*0.0	X	0.0	MADE GROUND: red-brown very gravelly sand with cobbles of bricks and concrete with subangular to subrounded fine to coarse black gravel of coal or shale	Damp, NVO	0.0																
								0.5	MADE GROUND: brown clayey gravel of bricks with cobbles of concrete and limestone, plastics, rebar and subangular to rounded fine to coarse gravel	Damp, NVO	0.5												
												1.0	MADE GROUND: red-brown gravelly very sand clay with fine to coarse sand and subangular to rounded fine to medium gravel, with fragments of shale, bricks, concrete, clinker	Water has oily sheen	1.0								
																1.5	Firm brown slightly gravelly CLAY with subrounded to rounded fine to medium gravel and with black organic matter and fibres	Damp, NVO	1.5				
																				2.0	Very soft black-green to grey-green slightly sandy SILT with gravels of shale, grass and a tree branch	Black staining outside of the green silt organic and chemical odour	2.0
3.0																							
								3.5															
3.2m Leachate: (pH, SVOC)	X	*0.0	X	3.5																			
											4.0												
4.75m Leachate: (Surfactants) Soil: (TOC/PSD)	X	*0.0	X	4.5																			
											5.0												
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination  Ground Level 85.867 mAOD Trial pit is backfilled with spoil																							
LEGEND <div><div>X</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>																							
BOREHOLE LOG Job Title: Plots D,E,F,G, A & C Site Investigations Location: Whitehaven Client: Rhodia <div>URS</div> <div><div>App'd:</div><div>Date: 09/03/07</div><div>Drawn : VS</div><div>Ref: Plot G</div><div>Scale: as shown</div><div>Job No: 44320215</div><div>Drg. Size: A4</div><div>BOREHOLE LOG</div></div>																							

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP764G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 8th 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								
0.6m Leachate: (Surfactants, additional parameters* ) Soil: (additional parameters* )  1.3m Leachate: (Surfactants, Sulphate, TPH-CWG, SVOC, additional parameters* ) Soil: (Sulphate, TPH(ali/aro split), SVOC)	X	*0.0	*0.0	114	0.0	MADE GROUND: dark brown clay with angular to subangular medium to coarse grey-brown gravel with organic matter, cobbles of bricks and concrete, wood and plastic and fragements of railway sleepers	Dry, NVO	0.0		
					0.5	MADE GROUND: white to grey concrete	Dry, NVO	0.5		
					1.0	Stiff red-brown very gravelly sandy clay with subangular to subrounded medium to coarse gravel with cobbles of limestone with white cement clinker and cobbles of black tar	Dry, NVO	1.0		
					1.5	Stiff brown-yellow grey laminated sandy gravelly CLAY with some subrounded to subangular fine to medium black gravel of sandstone, pockets of grey sand, cobbles of limestone	Dry, NVO	1.5		
					2.0	Stiff grey laminated brown-yellow sandy gravelly CLAY with much subrounded to subangular fine to medium black gravel of sandstone, pockets of grey sand, cobbles of limestone	Dry, NVO	2.0		
					2.5	Stiff brown-yellow sandy gravelly CLAY with grey laminations and lots of cobbles of orange fine grained sandstone	Dry, NVO	2.5		
					3.0	Stiff red-brown very sandy CLAY with a few gravel	Dry, NVO	3.0		
					3.5	Red-brown clayey very gravelly SAND with angular to subangular medium to coarse gravel with frequent cobbles of sandstone and limestone	Dry, NVO, abandoned excavation because excavator had problems in getting deeper in stiff material	4.5		
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination  Ground Level 84.940 mAOD Trial pit is backfilled with spoil **Additional parameters: Metals, Total Cyanide, Orthophosphate, pH		LEGEND <div><div>X</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>		BOREHOLE LOG Job Title: Plots D,E,F,G, A & C Site Investigations Location: Whitehaven Client: Rhodia <div>URS</div> <div><div>App'd:</div><div>Date: 09/03/07</div><div>Drawn : VS</div><div>Ref: Plot G</div><div>Scale: as shown</div><div>Job No: 44320215</div><div>Drg. Size: A4</div><div>BOREHOLE LOG</div></div>						

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP765G		PAGE 1 of 1					
	NUMBER	TYPE					DRILLING DATES: 8th March 2007		DRILLING METHODS : Trial Pitting					
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a					
							LOGGED BY : KL		SCREEN TYPE & DIAM: n/a					
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a					
DESCRIPTION		COMMENTS												
1.6m Leachate: (Surfactants, additional parameters* ) Soil: (Ammonium, Nitrate, additional parameters* )	X	*0.0		0.0	MADE GROUND: white to grey concrete hardstanding with thick rebar	Dry, strong HC / kerosene odour	0.0							
				0.5	MADE GROUND: soft to firm black slightly sandy brown and orange mottled clay with occasional angular to subangular fine to medium gravel. Fragments of glass material and rope. Rare pockets of white fine sandy clay		0.5							
				1.0			1.0							
				1.5			1.5							
				2.0	MADE GROUND: black slightly clayey gravel of ash, brown mottled with clinker, coal, wood and fragments of cloth and piping		2.0							
3.5m Leachate: (Surfactants, pH, TPH- CWG) Soil: (TPH (ali/aro split), VOC)	X	*0.0		2.5	MADE GROUND: soft brown gravelly clay, black mottled with angular to subangular fine to coarse gavel of coal, clinker and ash. Frequent fragments of glass, ceramic material and black organic matter	Dry, NVO	2.5							
				3.0			3.0							
				3.5			3.5							
				4.0	MADE GROUND: soft brown gravelly clay, black mottled with angular to subangular fine to coarse gavel of coal, clinker and ash. Frequent fragments of glass, ceramic material and black organic matter, large cobbles of bedrock		4.0							
				4.5	BEDROCK: grey crystalline limestone with red / pink veining and cavities of 0.5 to 1cm		4.5							
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination  Ground Level 87.572 mAOD Trial pit is backfilled with spoil **Additional parameters at 1.6m: Metals, Total Cyanide, Ortho Phosphate, Sulphate, pH, SVOC		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 G</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 G	Scale: as shown	Job No: 44320215	Drg. Size: A4	BOREHOLE LOG
App'd:	Date: 09/03/07													
Drawn : VS	Ref: Plot G													
Scale: as shown	Job No: 44320215													
Drg. Size: A4	BOREHOLE LOG													

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS766G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 7th March 2007		DRILLING METHODS : Window Sampling	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : LB		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION							COMMENTS			
	0.5m Leachate: (Surfactants) Soil: (Ammonium, Nitrate, additional parameters*)		*0.0		0.0	MADE GROUND: light brown silty angular to subangular fine to coarse gravel of limestone	Damp		0.0	
					0.5	MADE GROUND: grey-blue angular to subangular fine to coarse gravel with cement clinker	Dry		0.5	
					1.0	MADE GROUND: firm red-brown very gravelly clay with angular to subangular fine to coarse blue-grey gravel with cement clinker with occasional yellow - white mottling	Dry		1.0	
			*0.0		1.5	MADE GROUND: very soft light grey-blue silt	Damp, slight HC odour		1.5	
	1.5m Leachate: (Sulphate, TPH-CWG, SVOC, additional parameters*)				2.0	MADE GROUND: dark brown to black gravelly silt with subangular fine to medium black gravel	Damp		2.0	
					2.5	Dark brown gravelly SILT with subangular fine to medium gravel	Damp		2.5	
			*0.0		3.0	Dark brown gravelly CLAY with subrounded fine to medium gravel	Damp		3.0	
					3.5	Dark brown very gravelly SILT with subangular to subrounded fine to medium gravel	Wet		3.5	
					4.0	Black very gravelly SILT with subangular to subrounded fine to medium gravel and cobble of sandstone	Damp		4.0	
					4.5	Red-brown CLAY with occasional subrounded fine to medium gravel	Damp, no drilling returns		4.5	
			*0.0		5.0	Blue-grey angular fine to coarse GRAVEL of limestone	Damp		5.0	
					5.5	Dark brown very gravelly SILT with black subangular fine gravel	Damp, no drilling returns		5.5	
					6.0	Dark brown gravelly SILT with subangular fine gravel			6.0	
					6.5	Red-brown slightly gravelly CLAY with subrounded fine to medium gravel and black mottling			6.5	
	5.7m Leachate: (Surfactants, additional parameters*)		*0.0			Possible weathered BEDROCK	Damp			
LOCATION / NOTES:										
NVO = No visual or olfactory evidence of contamination										
Ground Level 87.019 mAOD										
Trial pit is backfilled with spoil										
**Additional parameters: Metals, Total Cyanide, Orthophosphate, pH										
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										
										
App'd:		Date: 09/03/07								
Drawn : VS		Ref: Plot G								
Scale: as shown		Job No: 44320215								
Drg. Size: A4		BOREHOLE LOG								



Disturbed Sample



Undisturbed Sample



Headspace Analysis



Down Borehole Analysis

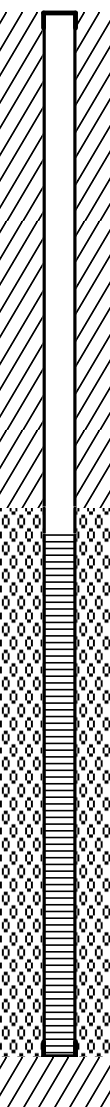















Groundwater Table



Perched Water Table

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: TP767G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 8th March 2007		DRILLING METHODS : Trial Pitting	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : LBU		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
0.7m Leachate: (Surfactants, Sulphate, TPH-CWG, additional parameters* ) Soil: (TPH (ali/aro split), VOC, Ammonium, Nitrate, additional parameters* )	X	*0.0	-K	-K	0.0	MADE GROUND: topsoil with rootlets  MADE GROUND: pale grey-brown coarse gravel with a sandy clay matrix. Large boulders and occasional bricks with some concrete blocks with rebar	Abandoned excavation to prevent water ingress with possibly surfactans into strata beneath	0.0		
								0.5		
					1.0			1.0		
					1.5			1.5		
					2.0			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						X Disturbed Sample		Job Title: Plots D,E,F,G, A & C Site Investigations		
Ground Level 86.222 mAOD						■ Undisturbed Sample		Location: Whitehaven		
Trial pit is backfilled with spoil						* Headspace Analysis		Client: Rhodia		
**Additional parameters at 0.7m: Metals, Total Cyanide, Orthophosphate, SVOC						+ Down Borehole Analysis		App'd: Date: 09/03/07		
						⬇ Groundwater Table		Drawn : VS Ref: Plot G		
						≡ Perched Water Table		Scale: as shown Job No: 44320215		
								Drg. Size: A4 BOREHOLE LOG		
								URS		

BOREHOLE CONSTRUCTION	SAMPLE		SOIL VAPOUR (ppm)	GROUNDWATER	DEPTH (m)	GEOLOGY	BOREHOLE NUMBER: WS768G		PAGE 1 of 1	
	NUMBER	TYPE					DRILLING DATES: 7th March 2007		DRILLING METHODS : Window Sampling	
							DRILLER : Joy Plant		BOREHOLE DIAMETER : n/a	
							LOGGED BY : PM		SCREEN TYPE & DIAM: n/a	
							CHECKED BY : ARD		SCREEN SLOT SIZE: n/a	
DESCRIPTION		COMMENTS								
	0.4m Leachate: (Surfactants)		*0.0		0.0	MADE GROUND: soft dark brown slightly gravelly slightly sandy clay as topsoil	Damp, NVO	0.0		
	1.05m Leachate: (Sulphate, TPH-CWG, SVOC) Soil: (Sulphate, TPH(ali/aro split), VOC, SVOC, PCB)		*0.0		0.5	MADE GROUND: grey-brown slightly clayey very sandy subangular to subrounded fine to coarse gravel of mixed gritstone, sandstone and limestone		Damp, staining surrounded slight solvent odour	0.5	
			*0.0		1.0	MADE GROUND: dark brown very clayey coarse gravel of quartz-rich granite	Damp, NVO		1.0	
		1.2m Leachate: (Surfactants, additional parameters*) Soil: (Ammonium, Nitrate, additional parameters*)		*0.0		1.5		MADE GROUND: firm red gravelly clay (reworked natural) with subangular to subrounded fine to coarse gravel, gritstone, pottery, fragments of sandstone, vitrinite	Dry, NVO	1.5
			*0.0		2.0	Stiff red-brown very gravelly CLAY with subangular to subrounded fine to coarse gravel, coarse gritstone, black vitrinite, sandstone and limestone	Damp, NVO	2.0		
3.5m Leachate: (VOC, SVOC, additional parameters*)		*0.0		2.5				2.5		
				3.0				3.0		
				3.5				3.5		
				4.0		Red very gravelly coarse SAND with subrounded to rounded medium to coarse gravel of limestone. Refusal at 4m bgl possibly bedrock.	Damp, NVO	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 85.366 mAOD		 Undisturbed Sample		Location: Whitehaven	
Trial pit is backfilled with spoil		 Headspace Analysis		Client: Rhodia	
**Additional parameters: Metals, Total Cyanide, Orthophosphate, pH		 Down Borehole Analysis			
		 Groundwater Table			
		 Perched Water Table			
				App'd:	Date: 09/03/07
				Drawn : VS	Ref: Plot G
				Scale: as shown	Job No: 44320215
				Drg. Size: A4	BOREHOLE LOG

#### LOCATION / NOTES:







NVO = No visual or olfactory evidence of contamination

Ground Level 85.366 mAOD

Trial pit is backfilled with spoil

\*\*Additional parameters: Metals, Total Cyanide, Orthophosphate, pH

#### 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

**URS**

App'd:	Date: 09/03/07
Drawn : VS	Ref: Plot G
Scale: as shown	Job No: 44320215
Drg. Size: A4	BOREHOLE LOG