z	SAMPLE		SOIL VAPOUR (ppm)	R			BOREHOLE NUMBER: TP601A		F	PAGE 1	of 1	
BOREHOLE		П	UR	GROUNDWATER			DRILLING DATES: 03/08/06	DRILLING	METHO	DS : Ti	rial Pit	
H			PO	MQ	(E)	≿	DRILLER : Lawsons	BOREHOL				
ORI	NUMBER	Ш	>	N	王 -	Ĭ	LOGGED BY : LN	SCREEN				
l a s		Y	JI 0	3RC	DEРТН (m)	GEOLOGY	CHECKED BY : ML	SCREENS				
\vdash		Н	- 0)	+							MMENTS	
*******					0.0_		DESCRIPTION MADE GROUND: Topsoil and grass				VIIVILIVIO	0.0
	TP601A 0.4m	X	* 1.8		- - - 0.5_		MADE GROUND: Loose, brown silt a pockets of blue grey, well rounded, fil to 0.5m, and fragments of glass					0.5_
					- - 1.0_		Firm, friable, red brown SILT with gra	vel			Ory, NVO	1.0 —
	TP601A 1.6m	X	* 2.8		- - 1.5_ -		Soft, dark brown CLAY					1.5
					2.0 - -		Wasthared ashblas and haulders of t	high, hadda	d rod	Da	amp, NVO	2.0 — - - -
					2.5_		Weathered cobbles and boulders of t brown siltstone at 2.6m	niniy bedde	a rea			2.5
					- -		End of Borehole					-
					3.0_							3.0
					3.5_							- 3.5_
					- - 4.0_							- - 4.0_
					- - -							- - -
					4.5 -							4.5 — - -
					5.0 -							5.0
<u> </u>	OCATION /	NC	OTES:	ı			LEGEND	BORE	HOLE	LO	G	
	visual or olfactoritation	tory	y evidend	ce				Site Investigation				
							Undisturbed Sample Location: White	haven				
							★ Headspace Analysis Client: Rhodia		Appld:	T-	Oato: A 1 000	26
							Down Borehole Analysis Groundwater Table	DC	App'd: Drawn : LI		Date: August 200 Ref: PLOT A	טט
							Groundwater Table	RS	Scale: As		ob No: 4432002	21
							□ Perched Water Table		Drg. Size:		BOREHOLE	

BOREHOLE NUMBER: TP602A NUMBER NUMBE	Z	SAMPLE		(mdd)	R			BOREHOLE NUMBER: TP602A			PAGE	1 of 1	
DESCRIPTION COMMENTS MADE GROUND: Loose, pale brown sits and sand, with occasional hardcore gravel and plastic TP602A 0.5 TP602A 0.5 TP602A 1.3 Soft, dark brown CLAY TP602A 2.0m TP602A 2.0m TP602A 2.0m TP602A 2.0m TP602A 3.5 Soft, dark brown CLAY TP602A 3.5 Soft, dark brown CLAY Wet 2.0 Soft, dark brown CLAY Wet 2.0 Soft, dark brown CLAY Soft, dark brown CLAY Soft, dark brown CLAY Soft, dark bro	OLE STIS		П	J.	'ATE			DRILLING DATES: 03/08/06	DRILLING	METH	ODS:	Trial Pit	
DESCRIPTION COMMENTS MADE GROUND: Loose, pale brown sits and sand, with occasional hardcore gravel and plastic TP602A 0.5 TP602A 0.5 TP602A 1.3 Soft, dark brown CLAY TP602A 2.0m TP602A 2.0m TP602A 2.0m TP602A 2.0m TP602A 3.5 Soft, dark brown CLAY TP602A 3.5 Soft, dark brown CLAY Wet 2.0 Soft, dark brown CLAY Wet 2.0 Soft, dark brown CLAY Soft, dark brown CLAY Soft, dark brown CLAY Soft, dark bro	EHC			۸PO	M	Œ	g∖	DRILLER : Lawsons					
DESCRIPTION COMMENTS MADE GROUND: Loose, pale brown sits and sand, with occasional hardcore gravel and plastic TP602A 0.5 TP602A 0.5 TP602A 1.3 Soft, dark brown CLAY TP602A 2.0m TP602A 2.0m TP602A 2.0m TP602A 2.0m TP602A 3.5 Soft, dark brown CLAY TP602A 3.5 Soft, dark brown CLAY Wet 2.0 Soft, dark brown CLAY Wet 2.0 Soft, dark brown CLAY Soft, dark brown CLAY Soft, dark brown CLAY Soft, dark bro	30R NST	NUMBER	Щ) 		Ĭ	70	LOGGED BY : LN	SCREEN	TYPE 8	R DIAM	:-	
MADE GROUND: Pale brown topsoil and grass MADE GROUND: Loose, pale brown silt and sand, with occasional hardcore gravel and plastic TP602A 0.6m 1.0 -	COE		K	SOI	GRO	DEF	GEC	CHECKED BY : ML	SCREEN	SLOT S	SIZE: -		
MADE GROUND: Loose, pale brown topsoil and grass MADE GROUND: Loose, pale brown silt and sand, with occasional hardcore gravel and plastic Firm, red brown SILT, with occasional gravel. Soft, dark brown CLAY TP602A 2.0m End of Borehole Location / Notes 3.5 4.0 4.0 Location / Notes 3.5 5.0 Location / Notes 4.0 4.5 5.0 Location / Notes 4.0 4.5 5.0 Disturbed Sample Undisturbed Sample UNDISTRIBUTED Approx. Site Investigation Location / Notes Approx. Sock system Notes August 2008 Sock system Notes August 20			\dagger			0.0		DESCRIPTION			CC	OMMENTS	0.0
TP602A 0.6m						-	XX	MADE GROUND: Pale brown topso	oil and grass				
TP602A 0.6m 1.5						- - 0.5				nd,			0.5
TP602A 2.0m V 2.5 2.0 Soft, dark brown CLAY Wet 2.0 End of Borehole S.5 S.5 S.5 LEGEND S.5 S.5 S.5 S.5 S.5 NVO = No visual or offactory evidence of contamination Disturbed Sample Legend Sample Contamination Disturbed Sample Legend Sample L				* 3.7		-		Firm, red brown SILT, with occasion Becomes darker and softer with de	nal gravel. pth				-
TP602A 2.0m V 2.5 2.0 Soft, dark brown CLAY Wet 2.0 End of Borehole S.5 S.5 S.5 LEGEND S.5 S.5 S.5 S.5 S.5 NVO = No visual or offactory evidence of contamination Disturbed Sample Legend Sample Contamination Disturbed Sample Legend Sample L						10							10
TP602A 2.0m End of Borehole 2.5						-	× × × × × × × × × × × × × × × × × × ×						-
TP602A 2.0m End of Borehole 2.5						_	*****						
TP602A 2.0m End of Borehole 2.5						- 1.5_						Damp	1.5
TP602A 2.0m End of Borehole End of Borehole LCCATION / NOTES: NVO = No visual or offactory evidence of contamination LCCATION / NOTES: NVO = No visual or offactory evidence of contamination LCCATION / NOTES: Down Borehole Analysis Client: Ribodia App'd: Date: August 2006 Drawn: LN Ref: PLOTA Scalio: As shown Job No: 44320021						-	****** 	Soft dark brown CLAV				24p	-
TP602A 2.0m End of Borehole 2.5 3.0 3.0 3.0 4.0 4.5 NVO = No visual or offactory evidence of contamination Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Groundwater Table Groundwater Table TURS Appri: Date: August 2006 Disturbed Sample Headspace Analysis Scale: As shown Job No: 44320021						_		Soil, dark blown SEAT					
2.0m End of Borehole 2.5		TP602A	М	* 2.5		2.0_						Wet	2.0
2.5	XXXXXXX		М			-		End of Borehole					
3.0 _ 3.0 _						_		End of Borenoie]
Appd: Date: August 2006 Date:						2.5_							2.5
Appd: Date: August 2006 Date:						-							
Appd: Date: August 2006 Date:						_							-
LCCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table						3.0_							3.0
LCCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table						_							
LCCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table						_							-
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table A.5. 4.5. Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Scale: As shown Job No: 44320021						3.5_							3.5_
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table A.5. 4.5. Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Scale: As shown Job No: 44320021						- -							
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table A.5. 4.5. Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Scale: As shown Job No: 44320021						-							
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: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						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: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						_							
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: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						-							
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: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						4.5_							4.5
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: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						_							
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: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						_							
NVO = No visual or olfactory evidence of contamination Disturbed Sample Undisturbed Sample Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						5.0_							5.0
NVO = No visual or olfactory evidence of contamination Disturbed Sample Undisturbed Sample Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021		OCATION /	אר אר)TES:				LEGEND	DODE	ПОТ	FIC	<u> </u>	\Box
Undisturbed Sample ★ Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Undisturbed Sample Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021	NVO = No	visual or olfa	ctor	y eviden	се			M. Disturband Councils		11 U L	r rc	JG	
Down Borehole Analysis Groundwater Table Perched Water Table Date: August 2006 Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021		ontaninatiUN						I Indiaturbad Cample	-				
Groundwater Table Perched Water Table Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021								_	ia	1.		I_	
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐								Down Borehole Analysis	DC		I NI		06
Drg. Size: A4 BOREHOLE LOG								Groundwater Table	K				21
								Ferciled Water Table					

Z	SAMPLE		SOIL VAPOUR (ppm)	æ			BOREHOLE NUMBER: TP602A first a	ttempt	PAGE	1 of 1	
BOREHOLE		П	JR (GROUNDWATER			DRILLING DATES: 01/08/06	DRILLING M	IFTHODS :	Trial Pit	
			Q.	Δ	Œ	>	DRILLER: Lawsons	BOREHOLE			
ORE	NUMBER	Ш	- ×	N	Ŧ	LO I	LOGGED BY : LN	SCREEN TY			
a S		M	JO J	SRC	DEРТН (m)	SEOLOGY	CHECKED BY : ML	SCREEN SL			
		Н		+				CONCENTOR		OMMENTS	
××××××					0.0_	XXX	DESCRIPTION MADE GROUND: Dark brown topsoil,	with grace a		OIVIIVILINIS	0.0
					-		roots	with grass a			
					- - 0.5_	₩	MADE GROUND: Grey hardcore grav with metal rebar	el and cobble	es,		0.5_
					-	+	MADE GROUND: Thick concrete, tria	pit relocated	ı k		-
					- -	\sim	End of Borehole				
					-	-	2.10 01 201011010				
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	OCATION /	NC	OTFS:				<u>LEGEND</u>	BOREH	OLFI	<u>)C</u>	
NVO = No	visual or olfaction	ctory	y eviden	се			NA Districts and Oscients	Site Investigation		<i>7</i> U	
	ontanination						Undisturbed Sample Location: Whiteh	-			
							★ Headspace Analysis Client: Rhodia				
							Down Borehole Analysis		.pp'd:	Date: August 200)6
							Groundwater Table		rawn : LN	Ref: PLOT A	14
							Perched Water Table	- ——	cale: As shown org. Size: A4	Job No: 4432002 BOREHOLE	
							I		2 /11	1	

z	SAMPLE		SOIL VAPOUR (ppm)	8			BOREHOLE NUMBER: TP602A	\ - second atte	empt	PAGE	1 of 1	
BOREHOLE CONSTRUCTION		П	UR (GROUNDWATER			DRILLING DATES: 01/08/06	DRILI	LING METH	HODS :	Trial Pit	
			PO	M	(E)	≿	DRILLER : Lawsons		EHOLE DIA			
SOR	NUMBER	اسِ	\ \		Ĭ	SEOLOGY	LOGGED BY : LN	SCRE	EN TYPE	& DIAM	1: -	
l no			SOII	GRG	DEРТН (m)	GEC	CHECKED BY : ML	SCRE	EN SLOT	SIZE: -		
		H					DESCRIPTI	ION		C	OMMENTS	
					0.0_		Brown TOPSOIL					0.0
					- 0.5		MADE GROUND: Loose, brown bricks	n, sandy grave	el, with		Dry	0.5_
					-		MADE GROUND: Loose, black bricks, wires, cobbles of red silt	k, sandy grave t and bedrock,	l, with , plastic			-
					-	$\otimes\!\!\!\otimes$	and wood				it rapidly filled	
			* 0.3		1.0_		Thick concrete at 1.2m, trial pit	relocated		w	vith water, NVO	1.0
					_		End of Bore	ehole				
					1.5_							1.5_
					-							
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					2.0_							2.0
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					2.5_							2.5
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					4.0_							4.0 —
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					4.5_ -							4.5 —
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					5.0_							5.0 —
	OCATION /	NC	TES:	1		1	LEGEND	ВО	REHOL	E LO	OG	
NVO = No of c	visual or olfac ontamination	ctory	evideno	се				Title: Plot A Site Investig				
								ation: Whitehaven				
							★ Headspace AnalysisClientDown Borehole Analysis	nt: Rhodia	App'd:		Date: August 200	16
							Groundwater Table	URS		: LN	Ref: PLOT A	70
							Groundwater Table✓ Perched Water Table		- Coult	As shown	Job No: 4432002	
							-		Drg. Si	ze: A4	BOREHOLE	LOG

Z	SAMPLE		SOIL VAPOUR (ppm)	H			BOREHOLE NUMBER: TP603A			PAGE	1 of 1	
BOREHOLE CONSTRUCTION		Π	UR	GROUNDWATER			DRILLING DATES: 01/08/06	DI	RILLING MET	HODS :	Trial Pit	
BEHC BUC			۸PO	M	(m)	g√	DRILLER : Lawsons	İ	OREHOLE DIA			
30R VST	NUMBER	Щ	/		DEРТН (m)	SEOLOGY	LOGGED BY : LN	S	CREEN TYPE	& DIAM	:-	
		TYF	SOI	GR	DEF	GEC	CHECKED BY : ML	S	CREEN SLOT	SIZE: -		
					0.0_		DESCRIPTION	ON		CC	OMMENTS	0.0
					-	XX	MADE GROUND: Loose, brown		ith grass			0.0
					- - -		and roots MADE GROUND: Hard, brittle, g	grey clinke	r			- - -
					0.5_		MADE GROUND: Black clay, silt	t, sand an	d gravel			0.5_
					-	₩	•	•	J		Dry, NVO	-
	TP603A	\bigvee	* 0.1		-	\otimes						
	0.9m	Н			1.0_		MADE GROUND: Firm, dark bro	own silt, w	ith black			1.0
	TD000 A	\bigvee	* 0.4		-	₩	angular gravel, wood and metal	,			Dry, NVO	-
	TP603A 1.3m	Δ	0.4			×	Soft, orange SILT and fine SAND					
					1.5_		dark brown mottling, lenses of ye subrounded gravel	ellow sand	l and			1.5_
	TP603A	X	* 0.1		-	× · · · · · · · ·	casicaliaca grave.					-
	1.7m				-		End of Boreh	nole]
					2.0_							2.0_
					-	-						-
]
					2.5_							2.5_
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\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	OCATION /	N	OTES:	ſ	' 		<u>LEGEND</u>	В	OREHO	LE LO)G	
	visual or olfac ontamination	tor	y evidend	се				tle: Plot A Site Inv	restigation			
								on: Whitehaven				
							★ Headspace Analysis Client: pDown Borehole Analysis	Khodia	App'd	:	Date: August 20	06
								JR			Ref: PLOT A	
							⊋ Perched Water Table		Coulc	: As shown	Job No: 4432002	
							-		Drg. S	Size: A4	BOREHOLE	LUG

z	SAMPLE		SOIL VAPOUR (ppm)	ш Ш			BOREHOLE NUMBER: TP604A			PAGE	1 of 1	
BOREHOLE		Τ	UB.	GROUNDWATER			DRILLING DATES: 01/08/06	DRILLING	METHO	DDS:	Trial Pit	
EE B			PO	MO	(E)	≿	DRILLER : Lawsons	BOREHO				
SOR	NUMBER	ш	>		Ŧ	Ľ	LOGGED BY : LN	SCREEN	TYPE &	DIAM:	-	
		TYP	SOII	GRO	DEРТН (m)	GEOLOGY	CHECKED BY : ML	SCREEN	SLOT S	IZE: -		
					0.0_		DESCRIPTIO	DN		CC	MMENTS	0.0
					0.0 _	XX	MADE GROUND: Concrete and					1 0.0
	TD0044		* 0.0		- -		Firm, red brown SILT, with occas	sional rounded o	ravel			
	TP604A 0.4m		0.0		0.5_	***** ***** ****	and lenses of yellow fine sand	nona. roundou g				0.5
					-	***** *****						
					-	***** ***** *****						
					1.0_						Dry, NVO	1.0
					_	***** *****						
					-	* * * * * * * * * * * * * * * * * *						
					1.5_	***** *****						1.5_
					_		Soft, red brown, silty, fine SAND,	, with occasional				
	TP604A 1.8m	\mathbb{A}	* 0.0		-		gravel					
	1.0111				2.0_							2.0
					_							
					_						Dry, NVO	
					2.5_							2.5_
					_							
					_							
					3.0_	×	Soft, dark brown SILT and SAND) with much grav	/el			3.0_
	TP604A	\mathbb{X}	* 0.0		_	×××	and cobbles. Bedrock at base	gran	. •		Wet, NVO	
********	3.2m				_	××						
					3.5_		End of Boreho	ole				3.5_
					-							-
					_							
					4.0_							4.0
					_							
					_							
					4.5_							4.5
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					_							
					5.0_							5.0
NVO – No	OCATION / visual or olfac	N(OTES:	ce			LEGEND	BORE	HOLI	E LC)G	
of c	ontamination		, 0.10011				Lindiaturhad Cample	e: Plot A Site Investigation				
							 ★ Headspace Analysis 	n: Whitehaven Rhodia				
							Down Borehole Analysis		App'd:		Date: August 20	06
							Groundwater Table	JRS	Drawn : [Ref: PLOT A	
							Perched Water Table		Scale: As Drg. Size		Job No: 4432002 BOREHOLE	
							I		1 -	-	I	

z	SAMPLE		SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: TP605A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION		П	UR (DRILLING DATES: 01/08/06	DRILLING MET	HODS:	Trial Pit	
			PO	ΜQ	(E)	_გ	DRILLER : Lawsons	BOREHOLE DI			
STI	NUMBER	Ш	>		Ē	Lo	LOGGED BY : LN	SCREEN TYPE			
[®] 6		<u></u>	108	GROUNDWA	DEРТН (m)	SEOLOGY	CHECKED BY : ML	SCREEN SLOT	SIZE: -		
		<u> </u>		+			DESCRIPTION		CC	OMMENTS	
					0.0_	$\times\!\!\times\!\!\times$	MADE GROUND: Brown, silty topsoil,	with grass and		<u> </u>	0.0
					-	\bowtie	roots	3			-
	TP605A	\bigvee	* 0.8		_	\bowtie	MADE GROUND: Brittle, pale grey clir	nker]
	0.4m	Ц			0.5_	$\otimes\!\!\!\otimes$	MADE GROUND: Loose, black sand a	and gravel, with			0.5_
					_	$\otimes \otimes$	bricks and grey clinker MADE GROUND: Brittle, pale grey clir	akor]
					_	$\otimes\!\!\otimes$	MADE GROUND: Loose, black sand a				
					1.0_	\bowtie	bricks and grey clinker	and graver, with			1.0_
					_	\bowtie					
					-		Firm friable, red brown SILT, with occa	scional black			-
	TP605A	М	* 0.3		1.5_		mottling, lenses of yellow sand and rou	unded gravel		NVO	1.5_
XXXXXXX	1.5m	Ц			_	*;*;*;*;	End of Borehole]
					_		End of Borenole				-
					2.0_						2.0
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					-						-
					5.0_						5.0_
	OCATION /	NO	TFS:				LEGEND	BOREHO	IFIC) <u>C</u>	
NVO = No	visual or olface	tory	evidence	се			Disturbed Sample Job Title: Plot A S		كاما خاما	<i>,</i> G	
Of C	ontammation						Undisturbed Sample Location: Whiteh	ŭ			
							★ Headspace Analysis Client: Rhodia			1	
							Down Borehole Analysis	App'd		Date: August 200	06
							Groundwater Table		n : LN :: As shown	Ref: PLOT A Job No: 4432002	21
I							□ Perched Water Table □		Size: A4	BOREHOLE	

Z	SAMPLE		SOIL VAPOUR (ppm)	<u>æ</u>			BOREHOLE NUMBER: TP606A	A		PAGE	1 of 1	
BOREHOLE		П	UR (GROUNDWATER		-	DRILLING DATES: 01/08/06		DRILLING MET	HODS :	Trial Pit	
32 32 32			PO	MO	(E)	\ <u>\tag{6}</u>	DRILLER: Lawsons		BOREHOLE DI			
ORI	NUMBER	Ш	>		Ŧ	ļ Č	LOGGED BY : LN		SCREEN TYPE			
⁸ 6		ΙΔ	10g	3RC	DEPTH (m)	GEOLOGY	CHECKED BY : ML	9	SCREEN SLOT	SIZE: -		
		<u> </u>		+			DESCRIPT	LION .		C	OMMENTS	
XXXXXX					0.0_		MADE GROUND: Topsoil and					0.0
					-		MADE GROUND: Grey hardco		and cobbles			-
					_	\bowtie					Sulphur odour]
					0.5_		MADE GROUND: Brown sand	and grave				0.5_
		М			-	XX	Soft, red brown SILT, with blace					-
	TP606A 0.8m	Д			_	××××× ××××× ×××××	subrounded gravel	Killouling	anu			
	0.0111				1.0_	*^*^*^* ******	-	-140				1.0_
					_	× × × × × × × × × × × × × × × × × × ×	Dark brown, 20cm thick layer a	at I.Um]
					_	*****						
					1.5_	×××××	Firm, red brown SILTSTONE w	with much i	roundod			1.5_
					_	×××××	gravel and occasional lenses o	of sand	ounded			
					-	×××××]
					2.0_	××××;					NVO	2.0
					_	****						
					-	×××××						_
					2.5_	×××× :						2.5
	TP606A	\square	* 0.3		_	****						
******	2.7m	Н			_	****	End of Bore					-
					3.0_		Elid of Bore	enole				3.0
					-							
					-							-
					3.5_							3.5_
					-							
					_							-
					4.0							4.0 _
					-							-
					_							
					4.5_							4.5 <u> </u>
					-							-
					_							
					5.0_							5.0
	OCATION /	NO	TEQ:				<u>LEGEND</u>		DODEIIO		<u> </u>	
NVO = No	visual or olfac	ctory	evidenc	се			M. Distante ed Osassala	Title: Plot A Site I	BOREHO nvestigation	LE L(JG	
OT C	contamination						I Indiaturbad Cample	ation: Whitehaven				
								nt: Rhodia				
							Down Borehole Analysis		App'd		Date: August 200	06
							Groundwater Table	UR	Draw	n : LN :: As shown	Ref: PLOT A Job No: 4432002	21
							□ Perched Water Table		000.0	Size: A4	BOREHOLE	

Z	SAMPLE		SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: TP607.	7A		PA	GE 1 of 1	
BOREHOLE		П	UR	GROUNDWATER			DRILLING DATES: 01/08/06		DRILLING	METHOD	S : Trial Pit	
HEHO BUG			APC	MOV	DEРТН (m)	g	DRILLER : Lawsons		BOREHOL	_E DIAME	TER : -	
30F NST	NUMBER	Ш	<u>`</u>	NO	Ĕ	SEOLOGY	LOGGED BY : LN		SCREEN	TYPE & DI	AM: -	
			SOI	GR	DE	GE	CHECKED BY : ML		SCREEN	SLOT SIZE	Ē: -	
		$\dagger\dagger$			0.0_		DESCRIP	TION			COMMENTS	0.0
					- 0.0	$\otimes \otimes$	MADE GROUND: Concrete ar					0.0
					-	\bowtie]
					-	$\otimes\!\!\!\otimes$	MADE GROUND: Grey hardco	ore grave	l			
	TP607A	\square	* 0.0		0.5_	\bowtie	MADE GROUND: Loose, blac	ck, fine sa	nd and gr	avel,	-	0.5 —
	0.6m	Н			-	\bowtie	with bricks, concrete, metal ar	nd wood				
					_	$\otimes\!\!\!\otimes$]]
					1.0_	\bowtie					Surfactant odour	1.0
					-	\bowtie						-
					_	$\otimes\!\!\!\otimes$						
					1.5_	\bowtie						1.5
					-	$\otimes\!\!\!\otimes$						-
					-	\bowtie						
					2.0_	\bowtie						2.0
					-		Coft to firm blook CILT with a		امسميرما		_	-
			* 0.0		-		Soft to firm, black SILT, with o	occasiona	ı gravei			
					2.5_	******	Firm, red brown SILT and SAN	ND with c	nccasiona		_	2.5_
					_	× × ×	black mottling, gravel and cob	bles	ocasiona]
					-	× × ×						
					3.0_	. x					NVO	3.0
					_	× × ×]
		Ц			- -	×						
	TP607A	\mathbb{X}	* 0.2		3.5_	× × ×						3.5_
	3.5m	П			-		End of Bor	rehole]
					-							
					4.0_							4.0
					-							
					-							-
					4.5_							4.5
					-							
					-							-
					5.0_							5.0
<u> </u>	OCATION /	/ NO	TES:			İ	LEGEND		BORE	HOLE	LOG	\dashv
NVO = No	visual or olfactoria	ctory	/ eviden	се				b Title: Plot A Sit				
								cation: Whitehav	ren			
								ient: Rhodia		Annidi	Doto: A. Loos)c
							Down Borehole Analysis Groundwater Table		2	App'd: Drawn : LN	Date: August 200	סע
							Groundwater Table✓ Perched Water Table	UF	L	Scale: As sh		21
							- 1 oronou frator rabio			Drg. Size: A	4 BOREHOLE	LOG

z	SAMPLE		SOIL VAPOUR (ppm)	В			BOREHOLE NUMBER: TP608A		F	PAGE	1 of 1	
BOREHOLE		П	UR (GROUNDWATER			DRILLING DATES: 03/08/06	DRILLING	METHC	DS : ⁻	Trial Pit	
			PO	MO	(E)	≿	DRILLER : Lawsons	BOREHO				
SOR	NUMBER	ш	/	N	Ĭ	SEOLOGY	LOGGED BY : LN	SCREEN	TYPE &	DIAM:	: -	
l no			SOII	GRC	DЕРТН (m)	GEC	CHECKED BY : ML	SCREEN	SLOT SI	ZE: -		
		Ħ			0.0_		DESCRIPTION			CC	MMENTS	0.0
					- 0.0	\otimes	MADE GROUND: Concrete and reba	r, with thick				0.0
					- -		plastic sheeting beneath				Damp	
					0.5_		MADE GROUND: Loose, pale brown MADE GROUND: Loose, black ash,			-		0.5_
					-	\otimes	with rare brick and concrete fragmen		avei,			-
					-							
	TP608A	\mathbb{X}	* 1.3		1.0_	$\otimes\!\!\!\otimes$						1.0
	0.9m				-	\otimes	MADE GROUND: Reworked, soft, re	d silt, with b	olack		D 111/0	-
					_	\otimes	sand and gravel				Dry, NVO	
					1.5_							1.5_
					-	*****	Firm, friable, red brown SILT, with occobbles and lenses of yellow fine sar		avel,			-
					-	* * * * * * * * * * * * * * * * * *	cobbles and lenses of yellow line sar	u				-
					2.0_						Dry, NVO	2.0
	TP608A	М	* 4.6		-	*****						
	2.2m	А			-							-
******					2.5_		End of Borehole					2.5
					-							
					-							-
					3.0_							3.0
					-	-						
					-							
					3.5_							3.5
					_							
					<u>-</u>							
					4.0_							4.0
					-							
					-							=
					4.5_							4.5
					-							
					-							
					5.0_							5.0
	OCATION /	NC)TES:				<u>LEGEND</u>	BORE	ног г		C	
NVO = No	visual or olfact contamination	ctory	y evidend	се			M. Distante ed Oserente	A Site Investigation	HULF	LU	.	
	ontamination						Undisturbed Sample Location: White	=				
							★ Headspace Analysis Client: Rhodia		1.		T_	
							Down Borehole Analysis		App'd: Drawn : LI	N	Date: August 20 Ref: PLOT A	06
							 Groundwater Table □ Perched Water Table	RS	Scale: As		Job No: 443200	21
							i elclied water rapie		Drg. Size:	A4	BOREHOLE	

z	SAMPLE		SOIL VAPOUR (ppm)	В			BOREHOLE NUMBER: TP609A		PAG	E 1 of 1	
BOREHOLE CONSTRUCTION		П	UR (ATE			DRILLING DATES: 04/08/06	DRILLING MET	HODS	: Trial Pit	
			PΟ	GROUNDW	$\widehat{\mathbb{E}}$	g	DRILLER : Lawsons	BOREHOLE DI			
SOR	NUMBER	ш	//		DEРТН (m)	3EOLOGY	LOGGED BY : LN	SCREEN TYPE	& DIAI	M: -	
CO		TYP	SOI	GRC	DEF	GEC	CHECKED BY : ML	SCREEN SLOT	SIZE:	-	
		Ħ			0.0_		DESCRIPTION		C	OMMENTS	0.0
					- 0.0	$\otimes\!\!\!\otimes$	MADE GROUND: Concrete and reba	r, with thick			0.0
					_	$\overset{\circ}{\otimes}$	plastic sheeting beneath MADE GROUND: Pink and grey hard	aara arayal			
					0.5_	\bowtie	MADE GROUND. Plink and grey hard	core gravei			0.5_
					-	$\otimes\!\!\!\otimes$	MADE GROUND: Grey brown gravel				-
					_	$\otimes\!\!\!\otimes$					
					1.0_	$\otimes\!\!\!\otimes$					1.0
					-	$\otimes\!\!\!\otimes$					-
					_	\bowtie]
					1.5_	$\otimes\!\!\!\otimes$					1.5_
	TP609A	M_{\star}	1.3		_	\bowtie	MADE GROUND: Soft to firm black s	ilt and sand		Dry, faint]
	1.7m	М	1.0		_	\otimes				chemical odour	-
					2.0	$\otimes\!\!\!\otimes$					2.0
					-	\bowtie				Damp, moderate	▎∃
	TP609A		1.8		-	$\otimes\!\!\!\otimes$				chemical odour	-
	2.3m	П			2.5_	×××× ×××× ×××××	Firm, red brown SILT, with occasiona	l subrounded			2.5
					_	××××× ××××× ×××××	gravel and cobbles and lenses of yello	ow fine sand			
					-	*****				NVO	
	TP609A	\mathbb{N}^*	0.8		3.0_	XXXXX XXXXX XXXXX XXXXX					3.0_
******	3.0m				_	×.×.×.	End of Borehole				
					-						
					3.5_						3.5_
					_						
					_						
					4.0_						4.0
					_						
					_						
					4.5_						4.5
					_						-
					_						
					5.0_						5.0 —
	OCATION /	NO	TES:				<u>LEGEND</u>	BOREHO	LFL	OG	
NVO = No	visual or olfac	ctory	evidenc	е				Site Investigation	II	~ ~	
							Undisturbed Sample Location: White	haven			
							★ Headspace Analysis Client: Rhodia	ماسم ۸	ı.	Date: August 000)e
							Down Borehole Analysis Groundwater Table	App'd	ı: n : LN	Date: August 200	טע
							☐ Perched Water Table	Scale	: As show	Job No: 4432002	
							=	Drg. S	Size: A4	BOREHOLE	LOG

Z	SAMPLE		SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: TP610.	A		PAGE ¹	1 of 1	
BOREHOLE		П	UR	<u> - </u>			DRILLING DATES: 03/08/06	DRILLING	METH(DDS : T	rial Pit	
EHC RUC			۸PO	Ω	(E)	Ğ√	DRILLER : Lawsons	BOREHO				
30R VST	NUMBER	Щ	>	GROUNDWA	DEPTH (m)	GEOLOGY	LOGGED BY : LN	SCREEN	TYPE &	DIAM:	-	
CO		T	SOI	GR	DEF	GEC	CHECKED BY : ML	SCREEN	SLOT S	IZE: -		
		$\dagger\dagger$		+			DESCRIP	TION		СО	MMENTS	
					0.0_	$\otimes \otimes$	MADE GROUND: Grey and re					0.0
					_	\bowtie						
					_	\bowtie	MADE CROUND: Lease blee	uk aand and arayal	with	_		
					0.5_	\bowtie	MADE GROUND: Loose, blac bricks	ik sand and graver	, WILII			0.5_
	TP610A	X	* 0.7		-	$\otimes\!\!\!\otimes$						_
	0.7m					\bowtie]
					1.0	\bowtie						1.0
					-	*****	Soft, red SILT, with lenses of y occasional subrounded gravel		nd			-
					_	× × × × × × × × × × × × × × × × × × ×	occasional subrounded graver	ı				
					1.5_	*****					NVO	1.5_
	TD0404	М	* 4.9		-							-
*********	TP610A 1.8m	А	4.5		_	××××× ×××××				_		
					2.0_		End of Bore	ehole				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
					_							
NVO = No	.OCATION / visual or olfa	ctory	<u>≀LS:</u> / evidend	ce			LEGEND Disturbed Sample Job	BORE	CHOL	E LO	G	
of c	ontamination						Indiaturbed Comple	o Title: Plot A Site Investigation cation: Whitehaven				
								ent: Rhodia				
							Down Borehole Analysis		App'd:		Date: August 200	06
							Groundwater Table	URS	Drawn : [Ref: PLOT A	
							Perched Water Table		Scale: As		Job No: 4432002 BOREHOLE	
									•			

Z	SAMPLE		SOIL VAPOUR (ppm)	Æ.			BOREHOLE NUMBER: TP611A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION		П	UR (ATE			DRILLING DATES: 03/08/06	DRILLING MET	HODS:	 Γrial Pit	
EHC			٩PO	GROUNDW.	(E)	GΥ	DRILLER : Lawsons	BOREHOLE DIA			
30R VST	NUMBER	Ш	/		DEPTH (m)	SEOLOGY	LOGGED BY : LN	SCREEN TYPE	& DIAM:	-	
CO		K	SOI	GRC	DEF	GEC	CHECKED BY : ML	SCREEN SLOT	SIZE: -		
		†					DESCRIPTION		CO	MMENTS	
					0.0_	\bowtie	MADE GROUND: Hardcore gravel an	ıd grass			0.0
					-	\ggg	MADE GROUND: Black, peaty topsoi				-
						\bowtie]
					0.5_	\bowtie	MADE GROUND: Red hardcore grave	el			0.5_
	TDC11A	М	* 1.2		-	\ggg	MADE GROUND: Loose, black and y	ellow sand and			
	TP611A 0.8m	М	1.2		_	\bowtie	gravel, with cobbles, brick and concre	ete			
					1.0_	\ggg				Dry	1.0
					-	\bowtie				•	-
					_	\ggg					
					1.5_	\ggg					1.5
					_	XX					-
					_	****	Firm, orange brown SILT, with occasi	onal lenses of			
							yellow fine sand, dark brown mottling, subrounded gravel	and rare			2.0
					_	* * * * * * * * * * * * * * * * * *	Subrounded graver			Dry, NVO	
		Ц			_	*****					
	TP611A	\mathbb{X}	* 4.6		2.5_						2.5_
********	2.5m	П			_	****** *****					
					_		End of Borehole				
					3.0_						3.0_
					_						
					_						
					3.5_						3.5_
					_						
					-						-
					4.0						4.0
					_						
					-						-
					4.5_						4.5
					_						
					_						-
					5.0_						5.0
					_						-
N//O = N/O	OCATION /	NO	TES:				LEGEND	BOREHO	LE LO	G	
	of contamination						Lindiaturhad Campla	Site Investigation			
							Undisturbed Sample Location: White ★ Headspace Analysis Client: Rhodia	haven			
							Down Borehole Analysis	App'd	:	Date: August 200	06
							Groundwater Table	Drawi Scale	n : LN	Ref: PLOT A	
							Perched Water Table		: As shown Size: A4	Job No: 4432002 BOREHOLE	
							<u>l</u>	Dig. 0		JOHENOLE	

BOREHOLE CONSTRUCTION MEMORIAN			ğ	Œ			BOREHOLE NUMBER: TP612A		PAG	E 1 of 1	
		1	SOIL VAPOUR (ppm)	GROUNDWATER		-	DRILLING DATES: 01/08/06	DRILLING	——↓ METHODS	: Trial Pit	
т шс і			PO	M	(m)	ჯ	DRILLER : Lawsons	BOREHOLI			
NOWBE	R	⊔	>		Ŧ) Co	LOGGED BY : LN	SCREEN T			
		<u>_</u>	1108	380	DEPTH (m)	SEOLOGY	CHECKED BY : ML	SCREEN S	LOT SIZE:	-	
		+		+			DESCRIPTION		(COMMENTS	
					0.0_	\bowtie	MADE GROUND: Loose, grey topsoil,	with many			0.0
					-		MADE GROUND: Loose, brown topso				-
					_	\bowtie	roots				
					0.5	\bowtie	MADE GROUND: Soft, black, fine to c with gravel, occasional brick fragment	oarse sand	,		0.5
					_	\bowtie	with graver, occasional blick fragment	s and wires			
					-	\bowtie					
TP612A	.		* 0.2		1.0_	\bowtie					1.0
1.0m	ľ	1			_	\bowtie					
					-		Soft to firm, orange brown SILT, with o	occasional h	nlack		
					1.5_	****** ******	mottling, lenses of sand and angular g	ravel	Jack		1.5_
					-	××××× ××××× ×××××				NVO	
					-						-
											2.0
					_	× × × × × × × × × × × × × × × × × × ×					-
		1			-	******]
TP612A	. [* 0.0		_ 2.5						2.5_
2.4m							End of Borehole				
					-						
					_ 3.0						3.0
					3.U <u> </u>						3.0
					-						
					3.5 <u> </u>						3.5
					-						-
					_						
					4.0_						4.0
					=						
					-						
					4.5_						4.5_
					_						
					-						-
					5.0_						5.0
LOCATIO	N / N	101	 ΓES:				LEGEND	BOREH	HOLE I	.OG	
NVO = No visual or o	Ifacto	ory	evidend	се			Disturbed Sample Job Title: Plot A		- CHILL		
or contaminat	J. 1						Undisturbed Sample Location: Whiteh	=			
							★ Headspace Analysis Client: Rhodia			1	
							Down Borehole Analysis	26	App'd:	Date: August 20	06
							Groundwater Table		Drawn : LN Scale: As show	Ref: PLOT A vn Job No: 443200	21
	_						Perched Water Table		Drg. Size: A4	BOREHOLE	

Z	SAMPLE	<u>:</u>	SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: TP613A		PAGE	1 of 1	
BOREHOLE		П	UR.				DRILLING DATES: 01/08/06	DRILLING M	IETHODS :	Trial Pit	
포			۸PO	NO NO	Œ	Ğ	DRILLER : Lawsons	BOREHOLE	DIAMETER	₹:-	
SOR	NUMBER	ш	/		DEPTH (m)	3EOLOGY	LOGGED BY : LN	SCREEN TY	PE & DIAM	1: -	
		K	SOI	GROUNDWA	DEF	GEC	CHECKED BY : ML	SCREEN SL	OT SIZE: -		
				+			DESCRIPTIO	 N	C	OMMENTS	
					0.0 _	\otimes	MADE GROUND: Topsoil with roo				0.0
					-		MADE GROUND: Grey hardcore going present in this horizon	gravel. Blue plas	tic		- - -
	TP613A 0.6m	X	* 0.2		0.5 <u> </u>		MADE GROUND: Black sand and fragments of tile and concrete	gravel, with			0.5 - -
					- - 1.0 - -		MADE GROUND: Black sand and fragments of tile and concrete, len soft red silt and soft yellow silt	I gravel, with nses of yellow sar	nd,		1.0 —
					- - - 1.5					Dry, NVO	1.5_
					- - 2.0 <u>-</u>						2.0
					- - 2.5_ -		Soft, mottled red brown and black occasional angular gravel	SILT, with			- - 2.5—
					- - 3.0_ -					NVO	3.0
		M			- - 3.5 <u>-</u> -						- 3.5 _ - -
	TP613A 3.8m	Н	* 0.0		-	*****					
h******]				4.0 <u> </u>	×ï×ï×î×î	End of Boreho	le			4.0
					-		5. 2516116	-			-
					- - 4.5 - -						4.5 -
					- - 5.0_						- - 5.0_
NVO - No	LOCATION /	/ NC	TES:	٠۵			LEGEND	BOREH	OLE LO	OG	
	NVO = No visual or olfactory evidence of contamination						Libratia to order and Oncorrela	Plot A Site Investigation			
								Whitehaven			
							 ★ Headspace Analysis Client: Rh Down Borehole Analysis 		pp'd:	Date: August 200	06
									rawn : LN	Ref: PLOT A	
							∀ Perched Water Table		cale: As shown	Job No: 4432002	
							-	D	rg. Size: A4	BOREHOLE	LUG

BOREHOLE NUMBER: TP614A NUMBER NUMBE	Z	SAMPLE		(mdd)	R			BOREHOLE NUMBER: TP614A	Α		F	PAGE	1 of 1	
TP614A 1.1m) CTO		П	UR	'ATE		-	DRILLING DATES: 01/08/06		DRILLING	METHC	DS:	Trial Pit	
TP614A 1.1m	BUC			PO	M	(m)	g√							
TP614A 1.1m	OR	NUMBER	Ш	>	N	ΉT	ľ	LOGGED BY : LN		SCREEN	TYPE &	DIAM:	:-	
TP614A 1.1m			ΓYΡ	30II	<u> 3RC</u>	DEP	3EC	CHECKED BY : ML		SCREEN	SLOT SI	ZE: -		
MADE GROUND: Brown, sandy hardcore gravel, with plant roots and grass MADE GROUND: Loose, black sand and gravel, with wood, brick, clinker and metal cables MADE GROUND: Loose, black sand and gravel, with wood, brick, clinker and metal cables 1.0 - 1.1 - 1.5 - 2.0 - 2			$^{+}$		+			DESCRIPT				CC	MMENTS	
plant roots and grass MADE GROUND: Stiff, grey clinker MADE GROUND: Loose, black sand and gravel, with wood, brick, clinker and metal cables TP614A 1.1m 1.5						0.0_	$\otimes\!\!\otimes$			re gravel	, with			0.0
MADE GROUND: Loose, black sand and gravel, with wood, brick, clinker and metal cables TP614A 1.1m 1.5 Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.0 TP614A 3.4m TP614A 1.70 2.5 Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.5 End of Borehole 1.0 Dry, NVO Application of contamination LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Headspace Analysis Count whether a box 1.5 for lower support 2.5 for lower support						-	\bowtie			_				-
MADE GROUND: Loose, black sand and gravel, with wood, brick, clinker and metal cables TP614A 1.1m 1.5 Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.0 TP614A 3.4m TP614A 1.70 2.5 Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.5 End of Borehole 1.0 Dry, NVO Application of contamination LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Headspace Analysis Count whether a box 1.5 for lower support 2.5 for lower support						_	$\otimes\!\!\!\otimes$]
TP614A 1.1m 1.5						0.5_	XX	MADE GROUND: Stiff, grey cli	ınker					0.5_
TP614A 1.1m 1.5						-	\bowtie	MADE CROUND: Lease block	k aand ar	nd aroual	with			-
TP614A 1.1m 1.5 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2						-	\bowtie			iu gravei,	WILLI			
TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.5 Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry. NVO Dry. NVO Dry. NVO A.5 LEGEND LIEGEND Undisturbed Sample Undistur		TD0444	М	* 0.4		1.0_	\ggg	, ,						1.0_
TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.5 TP614A 3.4m TP614A 3.4m TP614A 3.4m TP614A 3.5 TP614A 3.4m TP614A 3.5 TP614A 3.6m TP614A 3.6m TP614A 3.6m TP614A 3.0 TP614A 3.			Д	0.4		-	\bowtie							
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel TP614A 3.4m TP614A 3.5 Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel Dry, NVO Soft to firm, red brown SILT and fine SAND, with black and						-	\ggg							-
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.0 TP614A 3.4m Find of Borehole LEGEND NVO = No visual or olfactory evidence of contamination LEGEND Undisturbed Sample Undisturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table URS Soft to firm, red brown SILT and fine SAND, with black 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.						1.5_	\bowtie							1.5_
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.0 TP614A 3.4m Find of Borehole LEGEND NVO = No visual or olfactory evidence of contamination LEGEND Undisturbed Sample Undisturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table URS Soft to firm, red brown SILT and fine SAND, with black 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.						-	\ggg							
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel 3.0 TP614A 3.4m Find of Borehole LEGEND NVO = No visual or olfactory evidence of contamination LEGEND Undisturbed Sample Undisturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table URS Soft to firm, red brown SILT and fine SAND, with black 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.						_	\bowtie							-
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel TP614A 3.4m TP614A 3.4m End of Borehole LOCATION / NOTES: NVO = No visual or offactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table URS Date: August 2006 Drawn: LN Fet: PLOT A Scale: As shown Jubo Not.44320021						2.0_	\ggg							2.0
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel TP614A 3.4m TP614A 3.4m End of Borehole LOCATION / NOTES: NVO = No visual or offactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table URS Date: August 2006 Drawn: LN Fet: PLOT A Scale: As shown Jubo Not.44320021						-	\bowtie							-
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel TP614A 3.4m TP614A 3.4m End of Borehole LOCATION / NOTES: NVO = No visual or offactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table URS Date: August 2006 Drawn: LN Fet: PLOT A Scale: As shown Jubo Not.44320021						_	\ggg							
Soft to firm, red brown SILT and fine SAND, with black mottling and occasional gravel TP614A 3.4m TP614A 3.4m End of Borehole LOCATION / NOTES: NVO = No visual or offactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table URS Date: August 2006 Drawn: LN Fet: PLOT A Scale: As shown Jubo Not.44320021						25_	\bowtie							25_
TP614A 3.4m TP614A 3.4m TP614A 3.4m End of Borehole Location / Notes: NVO = No visual or olfactory evidence of contamination Location Whitehaven Cherk Perched Water Table Perched Water Table						_	$\times\!\!\times\!\!\times$	Ooft to firms and bassage Oll T an	£ O /	ANDtale	la la al a			
TP614A 3.4m 10.2 3.5 End of Borehole 4.0 4.5 5.0 LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination LOCATION / NOTES: Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table						-	× × ×	mottling and occasional gravel	na tine SA	AND, WITH	ыаск			
TP614A 3.4m In the second sec						-	× × ×	g and countries grant						
End of Borehole 3.5						3.0 _	× · · × · · · ×						Dry, NVO	3.0
End of Borehole 3.5						-	× × ×							-
End of Borehole LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination LEGEND Undisturbed Sample Undisturbed Sample Undisturbed Sample Undisturbed Sample Undisturbed Sample Undisturbed Sample Undisturbed Sample Wheadspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table Perched Water Table Perched Water Table Perched Water Table		TP614A	\mathbb{N}	* 0.2		_	×. ×. ×]
LEGEND NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Perched Water Table Perched Water Table		3.4m	Н			3.5_	× × ×							3.5
LEGEND NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table LEGEND Disturbed Sample Undisturbed Sample Client: Rhodia App'd: Date: August 2006 Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021						-		End of Bore	ehole					-
LEGEND NVO = No visual or olfactory evidence of contamination LEGEND Disturbed Sample Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table LEGEND Disturbed Sample Undisturbed Sample Client: Rhodia App'd: Date: August 2006 Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021						-								
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 DOM: BOREHOLE LOG Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						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 DOM: BOREHOLE LOG Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						_]
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 DOM: BOREHOLE LOG Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						_								
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 DOWN BOREHOLE LOG Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021						4.5_								4.5
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 DOWN BOREHOLE LOG Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021						- -								
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 DOWN BOREHOLE LOG Job Title: Plot A Site Investigation Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021						-								-
NVO = No visual or olfactory evidence of contamination Disturbed Sample Undisturbed Sample Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021						5.0_								5.0
NVO = No visual or olfactory evidence of contamination Disturbed Sample Undisturbed Sample Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021		LOCATION / NOTES:						LEGEND		BORF	HOLE)G	
Undisturbed Sample Headspace Analysis Down Borehole Analysis Groundwater Table Perched Water Table Undisturbed Sample Location: Whitehaven Client: Rhodia App'd: Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021	NVO = No	O = No visual or olfactory evidence							Title: Plot A Site				<u> </u>	
Down Borehole Analysis Groundwater Table Perched Water Table Date: August 2006 Drawn: LN Ref: PLOT A Scale: As shown Job No: 44320021		or contamination						I Indiaturhad Cample						
Groundwater Table Perched Water Table Drawn : LN Ref: PLOT A Scale: As shown Job No: 44320021									nt: Rhodia		1			
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □											06			
reicheu Walerrabie							Groundwater Table	UK					1	
								¥ Perched Water Lable						

z	SAMPLE		SOIL VAPOUR (ppm)	æ			BOREHOLE NUMBER: TP61	5A		PAG	GE 1 of 1	
BOREHOLE		П	UR (GROUNDWATER			DRILLING DATES: 03/08/06		DRILLING M	I IETHODS	: Trial Pit	
BEE BEE			PO	DW	Œ	₹	DRILLER : Lawsons		BOREHOLE			
SOR	NUMBER	ш	/		DEPTH (m)	GEOLOGY	LOGGED BY : LN		SCREEN TY	PE & DIA	.M: -	
CO			SOI	GRC	DEF	GE(CHECKED BY : ML		SCREEN SL	OT SIZE:	-	
							DESCRIF	PTION		(COMMENTS	
	TP615A 1.5m		*2.7		0.0		MADE GROUND: Loose, bla bricks, wood and metal girde between two slabs of concrete foundations at End of Both	ack sand a ers, excava te	nd gravel, w	ith	Wet, chemical odour, oily sheen on surface of fill	1.5
NVO = No	OCATION / visual or olfac contamination	NO ctory	OTES: v evidend	ce			Undisturbed Sample ★ Headspace Analysis	lob Title: Plot A Si ocation: Whiteha Client: Rhodia	ven			
							Down Borehole Analysis			pp'd:	Date: August 200)6
							Groundwater Table	UF		rawn : LN cale: As show	Ref: PLOT A vn Job No: 4432002)1
								— —		rg. Size: A4	BOREHOLE	
									1			

z	SAMPLE		SOIL VAPOUR (ppm)	<u>د</u>			BOREHOLE NUMBER: TP616A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION		П	UR (ATE			DRILLING DATES: 04/08/06	DRILLING ME	THODS : '	Trial Pit	
EHC BUC			۸PO	GROUNDW	\widehat{E}	ĞΥ	DRILLER : Lawsons	BOREHOLE D	IAMETER	(:-	
30R VST	NUMBER	ш	/		DEPTH (m)	SEOLOGY	LOGGED BY : LN	SCREEN TYPE	E & DIAM	:-	
CO		K	SOI	GR	H	GEC	CHECKED BY : ML	SCREEN SLO	ΓSIZE: -		
		†					DESCRIPTION		CC	MMENTS	
					0.0 <u> </u>		MADE GROUND: Concrete and reliplastic sheeting beneath				0.0
					_	$\overset{\circ}{\otimes}$	MADE GROUND: Grey brown sand	d and gravel, with			- -
					0.5 -	\bowtie	bricks, wood and metal				0.5 _—
					-	\bowtie					- -
					1.0_	₩					1.0_
					-	\bowtie	MADE GROUND: Concrete				-
	TP616A	М	* 3.0		-	\bowtie	MADE GROUND: Reworked, soft, y brown silt, with sand and gravel. Be		h		-
	1.4m	М			1.5 _—	\bowtie	depth				1.5_
					_		Firm, red brown SILT, with dark bro	own mottling and			-
					2.0 <u> </u>		cobbles of yellow sandstone and ble sandstone (very similar to blue grey		,		2.0 <u> </u>
					_			, ,			-
					_	××××× ××××× ×××××					-
					2.5 -						2.5
					-	<u> </u>	Soft, dark brown CLAY, with rare co	obbles of red			-
					- 3.0_	:===: :===:	siltstone				3.0_
					-	:===: :===:					-
					-	:===: :===:					-
	TP616A 3.5m	М	* 2.5		3.5 _—	:===: :===:					3.5
	0.0111				-		End of Borehole	•			-
					- 4.0_						- 4.0_
					-						-
					-						-
					4.5 <u> </u>						4.5_
					-						_
					- 5.0 <u>-</u>						- 5.0_
					-						-
<u> </u>	OCATION /	NO	TES:				<u>LEGEND</u>	BOREHO	LE LC)G	
	visual or olfac contamination	ciory	eviaeno	Je			Lindiaturhad Cample	ot A Site Investigation			
							Undisturbed Sample Location: ₩ Headspace Analysis Client: Rhoo				
							Down Borehole Analysis Down Borehole Analysis	App'	d:	Date: August 200	16
									n : LN	Ref: PLOT A	
							□ Perched Water Table		e: As shown	Job No: 4432002	
								Drg.	Size: A4	BOREHOLE	LOG

z	SAMPLE		SOIL VAPOUR (ppm)	Я			BOREHOLE NUMBER: TP616A	A - first atte	empt	PAGE	1 of 1	
BOREHOLE		П	UR (GROUNDWATER			DRILLING DATES: 03/08/06		ORILLING M	 /IETHODS :	Trial Pit	
XX			PO	MQ	(E)	\	DRILLER: Lawsons			DIAMETER		
ORI	NUMBER	Ш	>	N	王 -	ŏ	LOGGED BY : LN			PE & DIAM		
l a S		Y	100	3RC	DEРТН (m)	SEOLOGY	CHECKED BY : ML		SCREEN SL			
		П	- 0)	_							OMMENTS	
					0.0_		DESCRIPT MADE GROUND: Hardcore gra grass		oil, roots a		JWW LIVIO	0.0
					- 0.5 <u>-</u> - -		MADE GROUND: Loose, black cobbles, bricks, concrete, meta and plastic					- 0.5 - -
							Very thick concrete foundations laterally to an area at least 4 x 4	s at 1.5m o 4m. Trial	extending pit relocat	ted		1.0 — - - - - 1.5 —
					1.5_ - -		End of Bore	ehole				-
					-							
					2.0_							2.0
					-							
					-							1 1
					2.5_	.						2.5_
					-							
					-							-
					3.0_							3.0
					-							
					-							-
					3.5_							3.5
					-							
					-]
					4.0_							4.0
					-							-
					_							
					4.5_							4.5_
					-							-
					-							
					5.0 _—							5.0_
	OOATION!		NTEO.				LEGEND		D OD===	(A) = 3	2.0	
NVO = No	OCATION / visual or olfac	otory	<u>≀ i ⊏S:</u> y evidend	се			LEGEND Disturbed Sample Job T			OLE LO)G	
of c	of contamination						I Indiaturbad Cample	Title: Plot A Site I ation: Whitehaven	-			
								nt: Rhodia				
							Down Borehole Analysis			App'd:	Date: August 20	06
							□ Groundwater Table	UR	S	Orawn : LN	Ref: PLOT A	
							⊋ Perched Water Table			Org. Size: A4	Job No: 4432002 BOREHOLE	
							I			3 A4] 30	

Z	SAMPLE		SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: TP617A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION			J.	⊢			DRILLING DATES: 03/08/06	DRILLING M	ETHODS :	Trial Pit	
EHC			٩PO	GROUNDWA	(E)	Ğ√	DRILLER : Lawsons	BOREHOLE			
30R VST	NUMBER	Щ) 		DЕРТН (m)	SEOLOGY	LOGGED BY : LN	SCREEN TY	PE & DIAN	1 : -	
CO			SOI	GR	DEF	GEC	CHECKED BY : ML	SCREEN SL	OT SIZE: -		
				$\dagger \dagger$	0.0_		DESCRIPTION	ION	С	OMMENTS	0.0_
					-	$\otimes\!\!\!\otimes$	MADE GROUND: Topsoil, grass	s and roots			0.0
					_	$\otimes\!\!\!\otimes$	MADE GROUND: Loose, black	silt, sand and grave	el		
	TP617A	X	* 2.1		0.5_	\bowtie			D	amp, chemical odour	0.5_
	0.4m				-	XX	MADE GROUND: Soft, red brow	wa and blook ailt wi	+b		-
					_	\bowtie	occasional gravel	wii and black siil, wi	ui	Damp	
					1.0_	$\otimes\!\!\!\otimes$					1.0_
					_	\bowtie					_
					_	\bowtie			D	amp, chemical	
					- 1.5_	$\otimes\!\!\!\otimes$				odour	1.5_
	TP617A	\mathbb{X}	* 5.6		_	$\otimes\!\!\!\otimes$	Trial pit rapidly filled with water t uncontaminated at 1.9m so back	that appeared			-
	1.6m	П			_	\bowtie	uncontaminated at 1.9m so bact	Killea		Very wet	
XXXXXXXX	<u> </u>					~~~	End of Boreh	hole			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
					_						_
NVO - No	OCATION / visual or olfac	NO	TES:	`e			<u>LEGEND</u>	BOREH	OLE L	OG	
	ontamination	J.O. y	OVIGER				I Indiaturhad Cample	itle: Plot A Site Investigation			
								ion: Whitehaven t: Rhodia			
							Down Borehole Analysis	A	op'd:	Date: August 200)6
									rawn : LN	Ref: PLOT A	
							□□□Perched Water Table		cale: As shown rg. Size: A4	Job No: 4432002 BOREHOLE	
									- /17	1	

z l	SAMPLE		SOIL VAPOUR (ppm)	Œ			BOREHOLE NUMBER: TP618A		PA	GE 1 of 1	
BOREHOLE		П	UR (GROUNDWATER			DRILLING DATES: 03/08/06	DRILLING	METHOD	S : Trial Pit	
			NPO	DW	$\widehat{\mathbf{E}}$	≿	DRILLER : Lawsons	BOREHOL			
SOR	NUMBER	ш	//		Ŧ	SEOLOGY	LOGGED BY : LN	SCREEN T	YPE & DI	IAM: -	
<u>"</u> 6			SOII	GRC	DEPTH (m)	GE	CHECKED BY : ML	SCREEN S	SLOT SIZE	Ξ: -	
				+			DESCRIPTION			COMMENTS	
					0.0_	\bowtie	MADE GROUND: Concrete and reba	r			0.0
					_		MADE GROUND: Loose, grey and re	d sand and		-	
					0.5_	\bowtie	gravel, with metal and cobbles of con-	crete			0.5_
					0.5 _	\bowtie					0.5
					_	\bowtie					
			* 3.6		1.0_	*****	Firm, red SILT, with occasional lenses sand, and cobbles (many of which are	s of yellow fi	ne		1.0_
					-	* * * * * * * * * * * * * * * * * * *	sandstone)	y y chow			-
					_					Dry, NVO	
					1.5_	*****					1.5_
					_	****** ******					-
					_					_	
	TP618A 1.9m	М	* 14.8		2.0_		Loose, yellow, silty, fine SAND, with o subrounded gravel	ccasional			2.0
	1.9111				-		Gast compact grands				-
					_						
					2.5_						2.5_
					-						-
 	TP618A	\bigvee	* 26.8		-	====	Soft, dark brown CLAY. Grades down	n into red sil	ty		
 	2.8m				3.0_		clay			Damp, NVO	3.0
					_	====					
					-		End of Borehole				-
					3.5_						3.5
					-						
					-						-
					4.0						4.0
					_						
					_						
					4.5_						4.5
					_						
					-						-
					5.0_						5.0
		Щ			_						
NVO = No \	OCATION / visual or olfac	tory	<u>≀r⊨S:</u> ⁄ evidend	се			LEGEND Disturbed Sample Job Title: Plot A	BOREI	HOLE	LOG	
of co	of contamination						Undisturbed Sample Location: White	Site Investigation			
							★ Headspace Analysis Client: Rhodia				
							Down Borehole Analysis		App'd:	Date: August 20	106
							Groundwater Table	RS	Drawn : LN	Ref: PLOT A	21
							Perched Water Table		Scale: As sh Drg. Size: A		

Z	SAMPLE		SOIL VAPOUR (ppm)	R			BOREHOLE NUMBER: TP619A		PAG	6E 1 of 1	
BOREHOLE		П	UR (GROUNDWATER			DRILLING DATES: 02/08/06	DRILLING N	L ИЕТНODS	: Trial Pit	
			PO	DW	(m)	≿	DRILLER : Lawsons	BOREHOLE			
SOR	NUMBER	Щ	//	NN	TH	SEOLOGY	LOGGED BY : LN	SCREEN T	YPE & DIA	M: -	
		K	SOII	GRC	DЕРТН (m)	B	CHECKED BY : ML	SCREEN SI	LOT SIZE:	-	
		H					DESCRIPTION			COMMENTS	\top
					0.0_	\otimes	MADE GROUND: Concrete and rebai	<u> </u>			0.0
					-	\times	MADE GROUND: Red and grey harde	core gravel			
					0.5_	\times		3			0.5_
					0.5_	<u> </u>					0.5
	TP619A	М	* 5.8		-		Firm, orange red and dark brown mot	tied CLAY			
	0.8m	М			- 1.0_						1.0_
					-					5 111/0	
					-					Dry, NVO	
					- 1.5_						1.5_
					-	====					-
					-						
					2.0_						2.0
					-	: <u>-</u> -	Soft, dark brown CLAY				-
					_		con, dan brown cert				
					2.5_					Damp, NVO	2.5_
					-						
		М			-	====					-
********	TP619A	Й	* 5.7		3.0_	[===]					3.0
	3.0m				-		End of Borehole				
					-						-
					3.5_						3.5
					-	1					
					-						
					4.0_	-					4.0_
					_						
					-	1					
					4.5_						4.5_
					_						-
					-						
					5.0_						5.0
	OCATION /	NO	TES:				<u>LEGEND</u>	DODEL		OC	
NVO = No	visual or olfact ontamination	ctory	eviden	се			M. Disturband Commits	BOREH Site Investigation	OLE L	<i>1</i> 00	
	or contamination						Undisturbed Sample Location: Whitel	-			
							★ Headspace Analysis Client: Rhodia	<u> </u>		1	
							Down Borehole Analysis		App'd: Drawn : LN	Date: August 20 Ref: PLOT A	06
							Groundwater Table → Perched Water Table		Scale: As show		21
							reicheu water rable	1	Drg. Size: A4	BOREHOLE	LOG

	SAMPLE		SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: TP620A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION		П	UR	<u> -</u>			DRILLING DATES: 02/08/06	DRILLING MET	тноds :	Trial Pit	
BEHO BUG			PO	MQ	(m)	g√	DRILLER : Lawsons	BOREHOLE D			
SOR I	NUMBER	ш	//		Ŧ	SEOLOGY	LOGGED BY : LN	SCREEN TYPE	E & DIAN	1: -	
		ΙΥΡ	SOII	GROUNDWA	DEPTH (m)	GEC	CHECKED BY : ML	SCREEN SLO	ΓSIZE: -		
		H		+			DESCRIPTION		С	OMMENTS	
					0.0_	$\otimes\!\!\otimes$	MADE GROUND: Concrete and reba				0.0
					-		MADE GROUND: Grey and red hard	core gravel and			
						\ggg	cobbles				
					0.5 <u> </u>		MADE GROUND: Concrete				0.5
					-	\bowtie	MADE GROUND: Loose, gravel and	cobbles of			
					- 1.0_	\bowtie	concrete				1.0_
Т	ΓP620A	M	* 2.1		-	\bowtie	MARE ORGUNE I III I III				1.0
1	.1m	Н			-	\bowtie	MADE GROUND: Loose, black silt, v gravel. Thickness varies from 15cm		F	aint chemical odour	
					- 1.5_		Orange brown, sandy SILT. Thickne				1.5_
					-		40cm to 70cm	33 varies irom			1.5 _
					_	*****					
					_ 2.0	:===	Soft, dark brown CLAY, with occasio	nal black gravel			2.0
											-
					-						
₩₩,	ГР620А	X	* 5.3		_ 2.5_	====				NVO	2.5_
	2.5m				-		End of Borehole				-
					_						
					_ 3.0						3.0
					-						-
					_]
					3.5 —						3.5
					-						
					_						-
					4.0_						4.0
					-						
					_						-
					4.5 <u> </u>						4.5
					-						
					-						-
					5.0						5.0
		Ш									
NVO = No vi		NO tory	<u>IES:</u> evidend	ce			LEGEND	BOREHO	LE LO	OG	
	ntamination	•					Undisturbed Sample Undisturbed Sample Location: White	A Site Investigation			
							★ Headspace Analysis Client: Rhodia	siiaVCII			
							Down Borehole Analysis	App'e	d:	Date: August 200	J6
							Groundwater Table		n : LN	Ref: PLOT A	
							Perched Water Table		e: As shown Size: A4	Job No: 4432002 BOREHOLE	

z	SAMPLE		SOIL VAPOUR (ppm)	æ			BOREHOLE NUMBER: TP621A		PAG	GE 1 of 1	
BOREHOLE CONSTRUCTION		П	UR (GROUNDWATER		-	DRILLING DATES: 02/08/06	DRILLING	METHODS	S : Trial Pit	
			PO	M	Œ	₹	DRILLER : Lawsons		E DIAMET		
SOR	NUMBER	ш	>		DEPTH (m)	GEOLOGY	LOGGED BY : LN	SCREEN	TYPE & DIA	ΔM: -	
			SOI	GRC	DEF	GEC	CHECKED BY : ML	SCREEN	SLOT SIZE	:-	
		Ħ		\dagger	0.0_		DESCRIPTIO	ON		COMMENTS	0.0
					-		MADE GROUND: Concrete and replastic sheeting beneath	rebar, with thick			0.0
					0.5_		MADE GROUND: Blue grey grave boulders	vel, with concrete	9		0.5
					- - -		MADE GROUND: Red, angular g concrete, wood, metal and bricks		oles of		-
					_	\bowtie	consiste, wood, metal and shows	3			
					1.0_	\bowtie					1.0_
					_	\bowtie					
					-	\bowtie					
					1.5_		Firm, red SILT, with much rounded	lod gravel and co	hblos		1.5_
	TP621A	M	* 5.9		_	*****	and occasional lenses of yellow s	sand	bblies		
	1.7m										
					2.0_						2.0_
					_	***** ***** ****					
					-	*****					
					2.5_						2.5_
					_	***** ******					
					_						
					3.0_	******	Soft, dark brown CLAY, with cobb	blog of vollow			3.0_
					_	====	sandstone at base	obles of yellow		NVO	
		Ц			_	====					
	TP621A	X	* 4.3		3.5_						3.5_
	3.5m				_		End of Boreho	iole			
					_						
					4.0_						4.0
					_						
					_						
					4.5						4.5
					_						
					-						-
					5.0_						5.0
L	OCATION / NOTES:						LEGEND	BORE	HOLE I	LOG	
NVO = No v	visual or olfactory evidence contamination						M. Distante et Osassala	le: Plot A Site Investigation			
								on: Whitehaven			
							★ Headspace Analysis Client: R Down Parabala Analysis	Rhodia	App'd:	Date: Assess 000	06
							Down Borehole Analysis Groundwater Table	JRS	Drawn : LN	Date: August 20	00
							☐ Groundwater Table ☐ Perched Water Table	JRD	Scale: As sho	wn Job No: 4432002	
							=		Drg. Size: A4	BOREHOLE	LOG

Z	SAMPLE		SOIL VAPOUR (ppm)	R			BOREHOLE NUMBER: TP622A			PAGE	1 of 1	
BOREHOLE		П	UR	GROUNDWATER			DRILLING DATES: 03/08/06	DRILLING	METH(ODS:	Trial Pit	
L BEH			PO	ΜQ	(E)	₹	DRILLER : Lawsons	BOREHO				
SOR	NUMBER	س	//	N	Ĭ	SEOLOGY	LOGGED BY : LN	SCREEN	TYPE &	DIAM	: -	
l go l		K	SOII	GRC	DЕРТН (m)	GE(CHECKED BY : ML	SCREEN	SLOT S	IZE: -		
		Ħ		Ť			DESCRIPTION			CC	MMENTS	
					0.0 _		MADE GROUND: Soft, brown silty to	psoil with ro	oots		Dry, NVO	0.0
					- - 0.5		MADE GROUND: Black, peaty silt, v	vith bricks ar	nd			0.5_
					- - -		MADE GROUND: Loose, brown silt, bricks	with sand a	nd		Dry	- - -
	TP622A 1.2m	M	* 0.8		1.0 _		MADE GROUND: Loose, black silt, swith some very hard granular materia					1.0
					1.5_							1.5_
	TP622A 2.0m	X	* 1.7		2.0 <u>-</u> - -		Stiff, orange brown, clayey SILT, with gravel and cobbles, some black mot lenses of sand	n rare subro	unded me		NVO	2.0_
		X			2.5 -	***** ***** ***** *****						2.5 -
	TP622A 2.7m	П	* 1.0		-	*"*"*"*"	End of Borehole					
					3.0 _—							3.0_
					-							-
					-							
					3.5_							3.5_
					-	-						-
					_							
					4.0_							4.0
					-							-
					_]
					- 4.5_	1						4.5_
					-	-						-
					_							
					5.0_ -	-						5.0
	OCATION /	NC	TES:				LEGEND	BORE	HOL	E LC)G	
	visual or olfaction	ctory	/ eviden	ce			<u></u>	A Site Investigation				
							Undisturbed Sample Location: Whit					
							★ Headspace AnalysisClient: RhodiaDown Borehole Analysis		App'd:		Date: August 20	06
								RS	Drawn :	LN_	Ref: PLOT A	
							✓ Perched Water Table		Scale: As	s shown	Job No: 443200	
							=		Drg. Size	9: A4	BOREHOLE	LOG

Z	SAMPLE		SOIL VAPOUR (ppm)	H			BOREHOLE NUMBER: TP623A			PAGE	1 of 1	
BOREHOLE CONSTRUCTION			UR	GROUNDWATER			DRILLING DATES: 03/08/06	DRILLING	G METH	DDS:	Trial Pit	
BUC			٩PO	MOI	(E)	ĞΥ	DRILLER : Lawsons	BOREHO				
30R NST	NUMBER	Ш	/ /	NNC	DEPTH (m)	SEOLOGY	LOGGED BY : LN	SCREEN	TYPE &	DIAM	:-	
			SOI	GR	DEF	GE(CHECKED BY : ML	SCREEN	SLOT S	IZE: -		
					0.0_		DESCRIPTION			CC	OMMENTS	0.0
					-	\bowtie	MADE GROUND: Red brown topso	il with roots				-
					_		MADE GROUND: Grey hardcore gi	avel				
					0.5		MADE GROUND: Loose, orange by with gravel, cobbles, brick, concrete and boulders of red sandstone	rown silt and e, rope, old c	clay ables			0.5
	TP623A 1.2m		* 2.7		1.0		Hard surface in part of pit at 1.6m, of from this	excavated av	vay			1.0 —
					_	****	Yellow brown and black mottled SIL	Т.				
					2.0		Grades down into red sandy SILT, yellow fine sand and damp, black c	with lenses o lay	f		Dry, NVO	2.0 — - - - - - - 2.5 —
	TP623A	M	* 2.7		- - - 3.0_		Contains gravel and cobbles of yell- towards base	ow sandston	е			3.0
*****	2.9m				- - -		End of Borehole					3.0
					3.5							3.5
					4.0_							4.0
					 4.5 							4.5
					5.0 -							5.0_
NVO = No	OCATION / visual or olface	NO.	TES:	ce.			LEGEND M. Bistoria d Sagrada	BORE		E LC)G	
	ontamination	y	2.100110				Lindiaturhad Cample	ot A Site Investigation				
							 ★ Headspace Analysis Location: W Client: Rhoo					
							Down Borehole Analysis		App'd:		Date: August 200	06
								RS	Drawn :		Ref: PLOT A	
							Perched Water Table		Scale: As		Job No: 4432002 BOREHOLE	
									1 -	-	ı	

Z	SAMPLE		SOIL VAPOUR (ppm)	æ			BOREHOLE NUMBER: TP624A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION		П	UR.	ATE			DRILLING DATES: 03/08/06	DRILLING MET	HODS :	Trial Pit	
EHC RUC			٩PO	GROUNDW,	(E)	ĞΥ	DRILLER : Lawsons	BOREHOLE DI			
3OR NST	NUMBER	Щ	/ /		DEPTH (m)	3EOLOGY	LOGGED BY : LN	SCREEN TYPE	& DIAM	:-	
			SOI	GR	DEF	GE(CHECKED BY : ML	SCREEN SLOT	SIZE: -		
		$\dagger \dagger$			0.0_		DESCRIPTION		CC	OMMENTS	0.0
					-	\bigotimes	MADE GROUND: Brown topsoil, with roots and grass	hardcore grave	I,		-
					-		MADE GROUND: Red brown hardco	re gravel			
					0.5 - -		MADE GROUND: Soft, black, peaty stragments of wood. Thickness varies 0.45m	silt with many s from 0.15 -			0.5
	TP624A 1.0m	X	* 2.4		1.0_ - -		Soft, grey, clayey SILT, with many grad of yellow siltstone, sandstone and grad limestone. Some orange iron staining	ey crystalline	5	Dry, NVO	1.0_
					1.5_		Lenses of bright yellow clay with cobb limestone at 1.4m	oles of grey		Damp	1.5_
					-					Dry, NVO	-
					2.0_	××××;	Firm, friable, red SILTSTONE, with o of yellow fine sand	ccasional lenses	3		2.0
					-	****				Dry, NVO	
	TP624A	М	* 2.5		- 2.5_	****					2.5_
XXXXXXX	2.5m	М				****	Find of Donahala				
					_		End of Borehole				
					3.0_						3.0_
					-						-
					_						-
					3.5_						3.5
					_						
					_						
					4.0 _						4.0
					_						
					-						
					4.5_						4.5
					_						-
					_						
					5.0_						5.0
	OCATION /	NO	TES:				<u>LEGEND</u>	BOREHO	 F <i>C</i>)C	
NVO = No	visual or olfaction	ctory	evidence	се				A Site Investigation	און עוני	<i>/</i> U	
	ammanon						Undisturbed Sample Location: White				
							★ Headspace Analysis Client: Rhodia		1.	Date: 4	00
							Down Borehole Analysis Groundwater Table	App'd Draw	ı: n : LN	Date: August 200 Ref: PLOT A	Ub
							☐ Groundwater Table ☐ Perched Water Table	Scale	: As shown	Job No: 4432002	
							=	Drg. S	Size: A4	BOREHOLE	LOG

z	SAMPLE		SOIL VAPOUR (ppm)	ш Ш			BOREHOLE NUMBER: TP624A first	attempt	PA	GE 1 of 1	
BOREHOLE		П	JR (GROUNDWATER			DRILLING DATES: 03/08/06	DRILLING	METHOD	S : Trial Pit	
			Q.	Μ	Œ	3	DRILLER : Lawsons		LE DIAME		
ORE	NUMBER	Ш	- ×	N	Ŧ	ΓΟ	LOGGED BY : LN		TYPE & DI		
		YPI	JO I	380	DEРТН (m)	3EOLOGY	CHECKED BY : ML		SLOT SIZE		
		H	<i>O</i>)	10		0		OORLEIN	0201 0122	COMMENTS	
×××××××					0.0_	XXX	DESCRIPTION MADE GROUND: Hardeore gravely	with roots		COMMENTS	0.0
			*1.1		1.5		MADE GROUND: White clay with somarbling, possibly ash or slag. Harvapperarance in places, and soft and MADE GROUND: Loose, red clay a gravel of red sandstone, wires, brick metal Thick concrete at 1.4m, trial pit relocation of Borehole	ome black d and of crys friable elsev nd silt (ash), ss, wood and	vhere / with		1.5
					5.0_						5.0
1	OCATION /	NC	TES:	1_			<u>LEGEND</u>	RORE	HOLE	LOG	
NVO = No	visual or olfaction	ctory	y evidend	се			NA District of Councils	t A Site Investigation		LOU	
	J. Rammation						Undisturbed Sample Location: W	_			
							★ Headspace Analysis Client: Rhod	а			
							Down Borehole Analysis		App'd:	Date: August 20	006
							Groundwater Table	RS	Drawn : LN	Ref: PLOT A	
							Perched Water Table		Scale: As sho	T T	
									1 519. 5126. A4	, DOMENOE	

Z	SAMPLE		SOIL VAPOUR (ppm)	æ			BOREHOLE NUMBER: TP625A		PAGE	1 of 1	
BOREHOLE CONSTRUCTION			UR	ATE			DRILLING DATES: 03/08/06	DRILLING MET	HODS:	Trial Pit	
EHC BUC			APC	GROUNDW.	DEPTH (m)	ĞΥ	DRILLER : Lawsons	BOREHOLE DIA	AMETER	R : -	
3OR ST	NUMBER	Щ	/ /		Ĭ	3EOLOGY	LOGGED BY : LN	SCREEN TYPE	& DIAM	:-	
COF			SOI	GR	DEF	GEC	CHECKED BY : ML	SCREEN SLOT	SIZE: -		
		+					DESCRIPTION		CC	DMMENTS	
					0.0_	\bowtie	MADE GROUND: Red brown gravel				0.0
					-	\Rightarrow	MADE GROUND: Grey hardcore grav	el			-
					_	XX	MADE GROUND: Brown gravel]
		Ш			0.5_	XX	MADE GROUND: Red gravel		_/		0.5_
	TP625A	\mathbb{N}	* 1.1		_	\ggg	MADE GROUND: Loose, black silt an		_		
	0.7m	Н			_	XX	many boulders of concrete, bricks, me				
					1.0_	\bowtie	pipes, tiles, rocks, slates and metal gir	ders			1.0 —
					_	\bowtie					
					-	XX					-
					1.5_	\bowtie					1.5_
					_	\bowtie					-
	TP625A	\square	* 2.3		_		MADE GROUND: Reworked, soft, rec	brown, clayey		Damp	
	1.8m	М			2.0_	\bowtie	silt with black mottling				2.0_
					2.0 _	*****	Firm, red SILT, with occasional subro	unded gravel			2.0 —
					-	*****		_		Dry, NVO	-
					_	*****					
					2.5_	*****					2.5_
*********					_	~~~~ ******					
					-		End of Borehole				-
					3.0_						3.0
					-						-
					_]
					3.5_						3.5_
					_						-
					_						
					_						
					4.0_						4.0
					-						-
					-						
					4.5_						4.5_
					_						
					-						-
					5.0_						5.0
					-						-
	OCATION /	/ NO	TES:				<u>LEGEND</u>	BOREHO	LE LO)G	_
	visual or olfa contamination		evideno	се			Disturbed Sample Job Title: Plot A		0		
							Undisturbed Sample Location: Whiteh				
							★ Headspace Analysis Client: Rhodia	1		1	
							Down Borehole Analysis	App'd		Date: August 200)6
							Groundwater Table	Drawi Scale	: LN : As shown	Ref: PLOT A Job No: 4432002	01
							Perched Water Table		Size: A4	BOREHOLE	
•					-		'	•			

z	SAMPLE		SOIL VAPOUR (ppm)	В			BOREHOLE NUMBER: TP626A	\		Р	AGE 1	l of 1	
) TO		П	UR (ATE			DRILLING DATES: 02/08/06		DRILLING	——↓— MFTHO	DS · T	rial Pit	
EHO SUC			PO	DW.	(m)	≿	DRILLER: Lawsons		BOREHOL				
ORI	NUMBER	Ш	×-	NN	Ŧ	ŭ	LOGGED BY : LN		SCREEN T				
BOREHOLE CONSTRUCTION		ΙΥΡ	NOS	GROUNDWATER	DЕРТН (m)	SEOLOGY	CHECKED BY : ML		SCREEN S				
		H		+			DESCRIPTI	ION			CO	MMENTS	
					0.0_		MADE GROUND: Concrete and						0.0
					-	$\otimes \otimes$							
					- 0.5_	₩	MADE GROUND: Reworked, so clay, with orange brown mottling			and			0.5_
		Н			-	\otimes	coarse sand and subrounded gr	gravel	asionai				0.5
	TP626A 0.7m	Д	* 0.5		-	$\otimes \otimes$						Ory, NVO	
	0.7111				1.0 _—								1.0_
					-	\bowtie							-
					-		Soft, but becoming firmer with d						
					- 1.5_	***** *****	SILT, with occasional subround of yellow sandstone.	ded grave	l and cob	bles			1.5_
	TP626A	\mathbb{N}	* 0.2		-	*****	or yellow sandstone.				1	Ory, NVO	
	1.6m				-								
					2.0_	*****							2.0
					-	****** ****** *****							-
					-		End of Borel	hole					
					2.5_								2.5_
					-								-
					-								
					3.0_								3.0
					-	.							
					-								
					3.5_								3.5_
					-								
					_								
					4.0_								4.0
					-								
					_								
					4.5_								4.5
					<u>-</u>								
					_								
					5.0_								5.0
					_		<u>, </u>						
NVO = No	OCATION / visual or olfact	NC ctory	TES: eviden	се			LEGEND M. Disturbed Sample		BORE	HOLE	LO	G	
	ontamination	,					I Indiaturhad Campla	Title: Plot A Site	-				
								ition: Whitehavei nt: Rhodia	n				
							Down Borehole Analysis			App'd:	ı	Date: August 200	06
							□ Groundwater Table	UR	25	Drawn : LN		Ref: PLOT A	\Box
							Perched Water Table			Scale: As s Drg. Size:		Job No: 4432002 BOREHOLE	
							l				1		

z	SAMPLE		SOIL VAPOUR (ppm)	В			BOREHOLE NUMBER: TP627A		P	AGE 1 of 1	
BOREHOLE		П	UR (GROUNDWATER			DRILLING DATES: 02/08/06	DRILLING	G METHO	DS : Trial Pit	
EHC 3UC			PO	DW	(m)	≿	DRILLER: Lawsons		DLE DIAME		
ORI	NUMBER	Ш	>	NN	ΤΤ	ľ	LOGGED BY : LN		TYPE & [
l [®] oS		ΙΥΡ	NOS	<u> 3RC</u>	DЕРТН (m)	GEOLOGY	CHECKED BY : ML	SCREEN	SLOT SIZ	ZE: -	
		\dot{H}		+			DESCRIPTION			COMMENTS	
×××××					0.0_		MADE GROUND: Tiles, concrete				0.0
	TP627A 0.3m	X	* 1.0		0.5		MADE GROUND: Soft, yellow brosubrounded gravel, cobbles and b present at 1.1m in half of pit, excathis	wn, fine sand, ricks. Concre	te	Dry, NVO	- - 0.5 — - - - 1.0 —
	TP627A		* 1.2		1.5		Firm to stiff, red brown SILT, with lenses of sand, cobbles of sandstorand gravel sized pockets of black with depth	one and siltsto	ne,	Dry, faintly fruity smell	1.5
	2.2m				2.5_		End of Borehol	е			2.5
					-						-
					3.0						3.0
					3.5 - -						- 3.5_ - -
					4.0 - -						4.0
					4.5 - -						4.5 — -
					5.0 -						5.0
NVO - No	OCATION / visual or olfac	NC	OTES:	ne.			LEGEND	BORE	EHOLE	LOG	
	contamination	الانار	y CVIUCIIC	JŪ			I Indiaturbad Cample	Plot A Site Investigation			
							Undisturbed Sample Location: ★ Headspace Analysis Client: Rh	Whitehaven			
							→ Pleadspace Arialysis Client: Rh Down Borehole Analysis	ouid	App'd:	Date: August 200	06
								RS	Drawn : LN		
							□ Perched Water Table		Scale: As s		
							-		Drg. Size:	A4 BOREHOLE	LUG

BOREHOLE NUMBER: TP628A NUMBER NUMBE	0.0
TP628A 1.7m TP628A 2.3m DESCRIPTION MADE GROUND: Concrete and rebar MADE GROUND: Brown sand and hardcore gravel made GROUND: Loose, black stained gravel, cobbles and boulders MADE GROUND: Firm, yellow silt, with much sand and occasional gravel made occasional gravel and grey ash MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash TP628A 1.7m TP628A 2.3m DESCRIPTION MADE GROUND: Brown sand and hardcore gravel mode, strong chemical odour, some value dropping through gravel sources. MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash TP628A 2.3m TP628A 2.3m TP628A 3.5 End of Borehole	0.5_
TP628A 1.7m	0.5_
TP628A 1.7m	0.5_
MADE GROUND: Concrete and rebar MADE GROUND: Brown sand and hardcore gravel MADE GROUND: Loose, black stained gravel, cobbles and boulders MADE GROUND: Firm, yellow silt, with much sand and occasional gravel MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash TP628A 1.7m TP628A 2.3m TP628A 2.3m MADE GROUND: Reworked, firm, friable red silt, with occasional black mottling and lenses of yellow fine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges End of Borehole Strong chemical odour, some water dripping through gravels Water streaming horocked up this area and moved pit - 1m Dry, NVO NVO NVO	0.5_
MADE GROUND: Brown sand and hardcore gravel MADE GROUND: Loose, black stained gravel, cobbles and boulders MADE GROUND: Firm, yellow silt, with much sand and occasional gravel MADE GROUND: Firm, yellow silt, with much sand and occasional gravel MADE GROUND: Firm, yellow silt, with much sand and occasional gravel MADE GROUND: Firm, yellow silt, with much sand and occasional gravel MADE GROUND: Firm, priable red silt, with occasional gravel and grey ash MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash TP628A 1.5 TP628A 1.7 TP628A 2.3 TP628A 1.2 End of Borehole Strong chemical odour, some water riging frough gravels, with much gravel sand moved pit ~ 1m Dry, NVO NVO TP628A 2.5 End of Borehole	0.5
TP628A 0.6m TP628A 0.6m TP628A 0.6m TP628A 2.3m TP628A 0.6m TP628A 0.6m TP628A 0.6m TP628A 0.6m TP628A 0.6m TP628A 0.5m TP628	1.0
TP628A 0.6m TP628A 0.6m TP628A 0.6m TP628A 2.3m TP628A 0.5	1.0
MADE GROUND: Firm, yellow silt, with much sand and occasional gravel MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash TP628A 1.7m TP628A 2.3m MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash TP628A 2.3m MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash Dry, NVO NVO NVO Start friable, red brown SILTSTONE, with much gravel, occasional black mottling and lenses of yellow fine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges End of Borehole	- - - -
TP628A 2.3m and occasional gravel and occasional gravel and occasional gravel MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash Firm, friable, red brown SILTSTONE, with much gravel, occasional black mottling and lenses of yellow fine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges 2.5 End of Borehole	- - -
TP628A 1.7m TP628A 2.3m TP628A 2.3m TP628A 3.5 TP628A 2.3m TP628A 2.5 TP628A 2.3m TP628A	- - -
TP628A 1.7m TP628A 2.3m MADE GROUND: Reworked, firm, friable red silt, with occasional gravel and grey ash Firm, friable, red brown SILTSTONE, with much gravel, occasional black mottling and lenses of yellow fine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges End of Borehole	1.5_
TP628A 1.7m TP628A 2.3m TP628A 3.0 TP62	- - 1.5 - -
TP628A 1.7m TP628A 2.3m TP628A 2.3m TP628A 3.5 -	1.5 - -
TP628A 2.3m TP628A 2.3m TP628A 2.3m TP628A 2.3m TP628A 2.3m TP628A 2.3m Firm, friable, red brown SILTSTONE, with much gravel, occasional black mottling and lenses of yellow fine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges End of Borehole	
TP628A 2.3m TP628A 2.3m TP628A 2.3m TP628A 2.3m TP628A 2.3m Firm, friable, red brown SILTSTONE, with much gravel, occasional black mottling and lenses of yellow fine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges End of Borehole	
TP628A 2.3m *2.2 *2.5 TP628A 3.0 *3.5 3.5 3.5 Tine sand, and one boulder of grey, fine grained sandstone with yellow staining around edges **** **** **** **** **** **** ****	.]
TP628A 2.3m TP628A 2.3m *2.2 2.5— End of Borehole 3.0— 3.5—	2.0
2.3m	-
2.5— End of Borehole 3.0— 3.5—	. 1
	2.5 —
	1 =
	3.0
	- 3.5_
	-
I	- 4.0 —
	-
	1 7
	- 4.5 —
	-
	5.0
LOCATION / NOTES: NVO = No visual or olfactory evidence NVO = No visual or olfactory evidence Disturbed Sample Sample Job Title: Plot A Site Investigation	
of contamination Disturbed Sample Undisturbed Sample Location: Whitehaven	
★ Headspace Analysis Client: Rhodia	
Down Borehole Analysis App'd: Date: August 200	
Groundwater Table Persphered Wester Table Scale: As shown Job No: 4432002	6
Perched Water Table Perched Water Table Drg. Size: A4 BOREHOLE	

Z	SAMPLE		SOIL VAPOUR (ppm)	Æ.			BOREHOLE NUMBER: TP629A		PAGE	1 of 1	
BOREHOLE			UR	ATE			DRILLING DATES: 02/08/06	DRILLING MET	HODS :	Trial Pit	
			PO	GROUNDW	(Ξ)	GΥ	DRILLER : Lawsons	BOREHOLE DIA			
SOR	NUMBER	ш	//		DEPTH (m)	3EOLOGY	LOGGED BY : LN	SCREEN TYPE	& DIAN	1: -	
00		K	SOII	GRC	DEF	GEC	CHECKED BY : ML	SCREEN SLOT	SIZE: -		
		\Box			0.0		DESCRIPTION		С	OMMENTS	0.0
					0.0_	$\otimes \otimes$	MADE GROUND: Concrete				0.0
	TP629A 0.3m	X	* 31.4		- - 0.5_		MADE GROUND: Soft, black and pale silt and clay, with brick and concrete. in thickness to 1m to the south		c	Very strong hemical odour	0.5
					- - 1.0_		MADE GROUND: Firm, becoming stit yellow brown and pale grey mottled si at 1.2m and old pipes	fer with depth, It, with large tile	s		1.0
					- - 1.5_				C	chemical odour	- - - 1.5_
					- - - 2.0_						2.0
	TP629A 2.3m	X	* 5.9 * 2.2		- - - 2.5_		Firm, pale grey and orange brown mo occasional gravel and lenses of yellow Becoming stiffer and more red in colo 2.6m contains cobbles of yellow sand siltstone	v sand. ur with depth. <i>A</i>	At v	Vater seeping rough at 2.6m, NVO	- - - 2.5_
					-		End of Borehole		-/		_
					3.0_		End of Borenoie				3.0 _
					3.5_						3.5_
					4.0						4.0_
					- - -						- - -
					4.5 — - -						4.5 —
					5.0 -						5.0 <u> </u>
NVO = No	OCATION /	NO	TES:	ce			LEGEND	BOREHO	LE L	OG	
	ontamination	· y	2					Site Investigation			
							 Undisturbed Sample ★ Headspace Analysis Client: Rhodia 	naven			
							Down Borehole Analysis	App'd	i:	Date: August 200)6
								Drawi Scale	n : LN	Ref: PLOT A	
							Perched Water Table		: As shown	Job No: 4432002 BOREHOLE	
							1	g. ٤.	Size: A4	DONEHOLE	LOG

Z	SAMPLE		SOIL VAPOUR (ppm)	æ			BOREHOLE NUMBER: TP630A		PAGE	1 of 1	
BOREHOLE		П	UR (ATE			DRILLING DATES: 02/08/06	DRILLING MET	HODS:	Trial Pit	
EHC			٩РО	GROUNDW	(E)	ĞΥ	DRILLER : Lawsons	BOREHOLE DIA			
3OR NST	NUMBER	Ш	/ /		DEPTH (m)	SEOLOGY	LOGGED BY : LN	SCREEN TYPE	& DIAM	:-	
COF			SOI	GR	DEF	GEC	CHECKED BY : ML	SCREEN SLOT	SIZE: -		
		H		\top	0.0_		DESCRIPTION	.1	CC	OMMENTS	0.0
					- 0.0	$\otimes\!\!\!\otimes$	MADE GROUND: Concrete and rebar				0.0
	TP630A 0.5m	X	* 4.1		0.5_		MADE GROUND: Reworked, soft, bla brown clay, with black fibres, firm red and black gravel				0.5_
					1.0_		Firm, yellow brown and pale grey mot fine SAND, with occasional gravel size black clay, subrounded gravel and col	ed pockets of			1.0 —
					1.5_		Grades down into stiff, red brown SIL yellow sand, occasional subrounded goobbles of yellow sandstone		f	Dry, NVO	1.5_
	TP630A 1.9m Duplicate taken	X	* 6.5		2.0 _ - - -		Contains many cobbles of weathered bedrock at 2.3m	sandstone			2.0 — - - -
					2.5 - - -						2.5 - - -
					3.0_	***** ***** ****					3.0
					-		End of Borehole				
					-						
					3.5_						3.5
					-						
					-						
					4.0_						4.0
					-						-
											l I
					4.5_						4.5 — -
					-						
					5.0_						5.0 <u> </u>
					5.0 _						3.0 _
<u></u>	OCATION /	NO	TES:			ı	LEGEND	BOREHO	LE LC)G	\Box
	visual or olfac contamination	ctory	eviden	ce			Disturbed Sample Job Title: Plot A				
							Undisturbed Sample Location: Whitel	aven			
							 ★ Headspace Analysis Client: Rhodia Down Borehole Analysis 	App'd	l:	Date: August 200	06
									n : LN	Ref: PLOT A	
							Perched Water Table		: As shown Size: A4	Job No: 4432002 BOREHOLE	
							<u>_</u>			I SOUTH THE	

Z	SAMPLE	TYPE SOIL VAPOUR (ppm)	E L			BOREHOLE NUMBER: WS501A		PAGE 1 of 1	
BOREHOLE		L N	I	1		DRILLING DATES: 16/08/2006	DRILLING MET	ı HODS : Window Saı	mplinç
	NUMBER	APC	GROUNDWA'	DEPTH (m)	ЭĠY	DRILLER : GPS	BOREHOLE DIA		
BOR -	NONBLA	YPE OIL V	301	E E	3EOLOGY	LOGGED BY : AD		& DIAM: 50mm HDF	PE
8		≥ S	Ę.		GE	CHECKED BY : ML	SCREEN SLOT		
				0.0_	XXX	DESCRIPTION	P	COMMENTS	0.0
						MADE GROUND: Concrete hardstand MADE GROUND: Medium dense, gre			
				0.5_	\bowtie	rounded medium gravel fill with occas			0.5
					\bowtie	coarse limestone gravel.			
				1.0_	\bowtie				1.0
					\bowtie	Refusal at 1.4m on rebar.			
				1.5_	·	End of Borehole			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
				-					
				5.5					5.5
				-					
				6.0					6.0
				-					
				6.5_					6.5
				7.0_					7.0
NVO = No	LOCATION / visual or olfac	NOTES: tory eviden	nce			LEGEND Disturbed Sample Job Title: Plots A	BOREHO	LE LOG	
of c	contamination	-				Undisturbed Sample Undisturbed Sample Location: Whiteh	&B Site Investigation aven		
	ocation to ju al footprint, r					★ Headspace Analysis Client: Rhodia		1	
0.8m on				,		Down Borehole Analysis	App'd	Date: September Ref: PLOT A	2006
0.8m on		ici, icius	aı d			Groundwater Table ✓ Perched Water Table	Scale	: As shown Job No: 4432002	21
						5.552	Drg. S	Size: A4 BOREHOLE	LOG

Z	SAMPLE	SOIL VAPOUR (ppm)	H.			BOREHOLE NUMBER: WS5	02A		PAG	E 1 of 1	
BOREHOLE		UR	GROUNDWATER			DRILLING DATES: 16/08/2006		DRILLING	METHODS	: Window Sa	ampling
EH BUG		٩PO	MQ	(m)	Ğ	DRILLER : GPS		BOREHOL			
30R VST	NUMBER) 		DEPTH (m)	3EOLOGY	LOGGED BY : AD		SCREEN T	YPE & DIA	M: 50mm HD	PE
		SOI	GR	DEF	GEC	CHECKED BY : ML		SCREEN S	SLOT SIZE:	1mm	
			††						(COMMENTS	
l 🛱 −						DESCRI	PTION				
1//				0.0 -	XXX	MADE GROUND: Grass top		th occasior	nal		0.0
V// V//		0.0		_		fine to medium angular grav	el).			Dry. NVO	
				0.5 - - -		MADE GROUND: Grey brow with frequent fine to medium and clinker.				Dry. NVO	0.5
	WS502A			1.0_		MADE GROUND: Coal fragr	ments and	fused ash.		Dry. NVO	1.0
V// V//	1.3-1.4m WS502A 1.4-1.5m	167		1.5 -		MADE GROUND: Medium dof ash and clinker.	dense, blac	k brown gr	avel	Dry. NVO	1.5
V// V//		91		_		MADE GROUND: Soft, brow	vn black sil	t. (reworke	d)	Stale odour.	
<i>V// V//</i>				2.0_	\bowtie					Dry-moist.	2.0
	152					Firm, orange brown SILT wit flecks of gravel.	th red, whit	e and oran	ige	Stale odour.	2.5
	22 3					with single purple red sands	tone clast a	at 2.9m		Dry-moist.	3.0 —
				4.0 - 4.0 - -		Becomng soft at 3.5m					4.0
		14		4.5 -		Loose, red, interbedded, me	dium SAN	D.		Wet. NVO	4.5
				5.0 - 5.0		Consolidated, white, slatey, (calcareous).		rock			5.0
				-]	End of Bo	orenoie				=
				5.5 <u> </u>							5.5
				-							
				6.0 <u> </u>							6.0
				-							
				6.5 <u> </u>							6.5
	OCATION / NO	TES:		Ī		<u>LEGEND</u>		BORFI	HOLE L	OG.	
NVO = No	visual or olfactory contamination		ce			M. Dietuwleed Committee	Job Title: Plots A&				=
							Location: Whiteha	ven			
						_ `	Client: Rhodia		App'd:	Date: Septembe	ar 2006
						Down Borehole Analysis Groundwater Table	UF) C	Drawn : CM	Ref: PLOT A	51 2000
						✓ Groundwater Table ✓ Perched Water Table	UI	W	Scale: As show	/n Job No: 443200	
						=			Drg. Size: A4	BOREHOLI	E LOG

z	SAMPLE	TYPE SOIL VAPOUR (ppm)	ER			BOREHOLE NUMBER: WS503A			PAGE 1 of 1			
BOREHOLE CONSTRUCTION		H B				DRILLING DATES: 16/08/2006	DRILLING MET	HODS :	npling			
EHC		PO	GROUNDWA'	DEPTH (m)	GEOLOGY	DRILLER : GPS		AMETER :				
30R NST	NUMBER	ر ایا							DIAM: 50mm HDPE			
COF		SO	GR		GE	CHECKED BY : ML	SIZE: 1	IZE: 1mm				
						C	COMMENTS					
\Box						DESCRIPTIO	N					
				0.0_	***	MADE GROUND: Medium dense, angular gravel of limestone.		Dry. NVO	0.0 <u> </u>			
				0.5		MADE GROUND: Brown black, sa brick.	andy silt with red		Dry. NVO	0.5		
		0.0	1	1.0	***				Dry. NVO	1.0_		
	WS503A 1.5-1.6m	385	1	- - 1.5_ -	***			N	Dry-moist. loderate odour.	1.5 - -		
				2.0		Medium firm, brown orange SILT.				2.0		
V// // ///		232		-	*^***** ****** *	Becoming dark at 2.2m		Moist-wet. NVO				
///////			2.5		Coarse, angular to subangular, ye	_/		2.5				
	occasional fine yellow gravel (calcareous in nature)											
			3	3.0		Refusal on calcareous rockhead.	Refusal on calcareous rockhead.					
				4		End of Boreho	_		_			
			3	3.5					3.5			
				=								
			4	1.0						4.0		
]								
			4	1.5								
]								
	5.0						5.0					
				=								
			5	5.5						5.5 —		
								6.0				
				4						=		
				5.5_						6.5_		
				=						=		
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination						LEGEND BOREHOL			E LOG			
					Disturbed Sample Job Title: Plots A&B Site Investigation							
							Whitehaven					
				★ Headspace AnalysisDown Borehole Analysis	nodia App'd	l:	Date: September	2006				
								n : CM	Ref: PLOT A			
						Perched Water Table		: As shown Size: A4	Job No: 4432002 BOREHOLE			
						L	Dig. v	5.20. A4	JOHENOLE	_00		

Z	SAMPLE		(mdd)	R			BOREHOLE NUMBER: WS504A			PAGE 1 of 1			
BOREHOLE		П	UR	ATE			DRILLING DATES: 16/08/2006 DRILLING METHOI			DDS : Window Sampli			
EH BUG			٩PO	GROUNDWATER	(E)	ĞΥ	DRILLER : GPS		BOREHOLE DIAMETER:				
30R VST	NUMBER	TYPE	SOIL VAPOUR (ppm)		DEPTH (m)	GEOLOGY	LOGGED BY : AD				DIAM: 50mm HDPE		
							CHECKED BY : ML SCREEN SLOT SIZ					IZE: 1mm	
											CC	MMENTS	
H	WS504A 1.6-1.7m						DECOD	IDTION					
			74		0.0_	XXX	DESCRIPTION MADE GROUND: Dense, angular, medium gravel of						0.0
					-		limestone.	,	Ŭ				
V//1 V//					0.5	$\otimes\!\!\!\otimes$							0.5
<i>V// V//</i>					-	\bowtie							
<i>V// V//</i>					1.0								1.0
V// V//					-	$\otimes\!\!\!\otimes$							
Y//1 V//		\boxtimes			1.5_	\times	MADE GROUND: Dense, angular, fine and medium						1.5
<i>Y//</i>					-	\bowtie	gravel of red brick and clinker.					$\mid \exists$	
				3.6	2.0	$\otimes\!\!\!\otimes$							2.0
							Soft to firm, red brown SILT with frequent flecks of blue white and black gravel.						
					2.5_	*****	blue write and black gravel.						2.5
					3.0	***** ***** *****							3.0
					-	*****							3.0
						* * * * * * * * * * * * * * *							\ <u>_</u> -
					3.5_	*****					וט	ry-moist, NVO	3.5
]	*****	Silt becoming red grey at 4.0m.						
					4.0_	*****							4.0 —
					-								
					4.5_	*****						ry-moist, NVO	4.5
					_		Weathered rock (calcarague)						
					5.5	*****							5.0
						***** ***** *****							
						******					\dashv		5.5
							Weathered rock (calcareous	>).]
						-	End of Borehole						6.0
					6.5_								6.5
					-	-							
LOCATION / NOTES: NVO = No visual or olfactory evidence of contamination						1	LEGEND Disturbed Sample Undisturbed Sample Undisturbed Sample Location: Whitehaven			E LO)G		
							★ Headspace Analysis♣ Down Borehole Analysis	Client: Rhodia		App'd:		Date: September	2006
							▼ Groundwater Table	TIL			CM	Ref: PLOT A	
							Perched Water Table			Scale: As			
							-			Drg. Size	: A4	BOHEHOLE	LUG