

### 7. ANALYSIS CERTIFICATES, LACKENBY SOIL

Our Ref: Your Ref: 11 June, 2004

Mr R Pollard Enviros Sanderson House Station Road Horsforth Leeds LS18 5NT



#### **TES Bretby**

PO Box 100 Ashby Road Burton-upon-Trent Staffordshire DE15 0XD

Telephone: 01283 554400 Facsimile: 01283 554422

E-mail: enquiries@tes-bretby co uk

Dear Mr Pollard

#### Soil Sample Analysis - Lackenby

Please find attached the analysis results from Lackenby, reported in areas as requested

The work was carried out in accordance with Mowlem Environmental Sciences Group Standard Terms and Conditions of Contract

Please contact me if you require any further information.

Yours sincerely

J Hannah

**Project Co-ordinator** 

J Hanna

01283 554403



## TEST REPORT SOIL SAMPLE ANALYSIS



1252

# Combined Report TES Report No. Lackenby Area 7

Site: Lackenby Area 7

Enviros Sanderson House Station Road Horsforth Leeds LS18 5NT

The 32 samples described in this report were scheduled for analysis by TES Bretby between 27/04/04 and 28/05/04. The analysis was completed by Friday, 11 June 2004.

Tests marked as 'not UKAS accredited' and any opinions or interpretations expressed herein are outside the scope of any UKAS accreditation held by TES Bretby laboratories.

The following tables are contained in this report:

Table 1 Main Analysis Results
Tables of TPH Chromatograms (32 Pages)
Tables of TPH Interpretations (4 Pages)
Table of Report Notes (1 Page)

On behalf of TES Bretby :\_

Project Co-ordinator

Date of Issue: 11/06/04

Tests marked 'not UKAS accredited' in this report are not included in the UKAS Accreditation Schedule for our laboratory.

TES Bretby accepts no responsibility for the sampling related to the above results

kg mg/kg		10.0			5 27	5 <10.0	5 <10.0				9 18	5 13.0	57 259	13 191	92 166	5 53	94 166	5 27	7 492	21	106 140	5 231	763 1720	29 40	Ç.			UKAS	*
g mg/kg		<u>د</u>			475	\$	₽\$	₩	\$	₩	369	\$	2567	1113	1997	\$	1084	₩	947	Ą	5	\$	76	22			2004	T	Ī
mg/kg		-	yes	CN- (total)	₹	⊽	₹	₹	V	⊽	∇	⊽	12	26	5	4	4		10	⊽	₹	⊽	6	9	sis		11 June 20		
l/gm	Crwss	0.1	yes	SO4 (H2O sol) mg/l	508	210	173	175	203	151	578	104	1140	855	1540	1530	586	346	314	103	45.3	33	1960	825	Analysis	port	11		
mg/kg	ระเพรา	3.0	yes	Zinc (MS)	85.6	74.1	7.67	57.8	53.9	80.9	7.77	53.1	28.7	216.6	199.2	233.5	178.8	79.8	456.6	89.7	3520	722.1	53.1	100	Sample /	Combined Report			
mg/kg	CPINSS	2.0	yes	Vanadium (MS)									1338	888.7	208.2	73.5	219.6	35.8	452.6	16.9			573.1	42.7	Soils Sa	Ö	Printed	umber	
mg/kg	SCAMO	0.5	yes	Selenium (MS)	1.53	0.66	0.59	0.55	0.55	0.63	2.34	0.65	4.31	3.40	5.45	0.57	3.97	<0.50	1.90	<0.50	1.25	1.26	3.57	0.79	0,		Date Prir	Report Number	
mg/kg	S S S S S S S S S S S S S S S S S S S	0.5	yes	Nickel (MS)	14.40	32.5	33.1	28.9	23.8	24.7	17.4	32.8	5.80	13.90	2.80	33.7	19.6	23.3	25.8	12.60	33.7	26.4	4.20	12.90					•
mg/kg	Crivios	0.10	yes	Mercury (MS)	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.15	0.20	<0.10	0.12	<0.10	0.17	0.15	<0.10	0.20	0.11	0.15	<0.10					
mg/kg	C INITIAL OF	0.5	ves	Lead (MS)	40.6	26.1	24.1	17.5	20.3	26.8	274.4	35.4	40.7	88.7	5163	229.4	66.1	30.5	115.7	26.1	1080	96.2	13.60	43.5					
mg/kg	SOM PO	0.5	yes	Copper (MS)	12.00	15.8	15.9	14.30	15.9	15.9	26.9	15.4	11.30	34.6	19.3	22.9	43.6	18.2	27.2	17	50.5	37.2	9.40	12.80				Aros 7	
mg/kg	2011	0.5	yes	Chromium (MS)	139.7	30	23.7	26.5	20.2	59.8	36.4	31.1	339.9	284.1	141.0	47.6	59.3	31.3	274.9	14.00	300.0	501.0	441.1	31.8					
mg/kg	1000	0,1	yes	Cadmium (MS)	0.14	0,13	0.17	<0.10	<0.10	0.17	0.36	0.14	<0.10	0.28	0.27	0.74	0.62	0.10	1.17	0.11	9.17	0.97	0.11	0.21		прѕоп		Jacksuby	
mg/kg	20140	C:0	yes	Arsenic (MS)	10.60	7.90	11.00	8.50	10.60	9.10	6.40	7.30	10.50	7.10	3.00	12.20	6.70	8.90	9.00	4.90	8.00	7.70	4.00	10.20	Enviros	Ms B Thompson		-	
mg/kg	C C C	7.0	ves	GRO	<0.2	<0.2	<0.2*	<0.2*	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.5	<0.2	<0.2	ате				
mg/kg accnos	4		yes	Cyanide (Free)	₽	۲	۲	۲	۲,	٧.	₽	⊽	⊽	۲	₽	₽	٧	₹	٧	۲	<b>*</b>	₽	⊽	٧	Client Name	Contact			
Units:	· retired - retired	Detection Limits:	UKAS Accredited :	Client Sample Description	7AB001 1.7	7AB001 5.5	7AB002 4.1	7AB002 8.0	7AB003 5.2	7AB004 2.6	7AB005 0.55	7AB005 1.8	7AT001 1.5	7AT001 3.0	7AT003 0.2	7AT003 1.2	7AT005 0.1	7AT005 4.0	7AT006 0.2	7AT006 1.5	7AT007 0.2	7AT007 3.0	7AT008 0.3	7AT008 1.4	TES Bretby	PO Bax 100, Bretby Business Park,	Burton-on-Trent, Staffordshire, DE15 0XD	Tei +44 (0) 1283 554400	
				TES ID Number CL/	0411373	0411374	0411375	0411376	0411377	0411378	0412184	0412185	0414962	0414963	0414964	0414965	0414966	0414967	0414968	0414969	0410979	0410980	0414970	0414971	TES		Bretby		

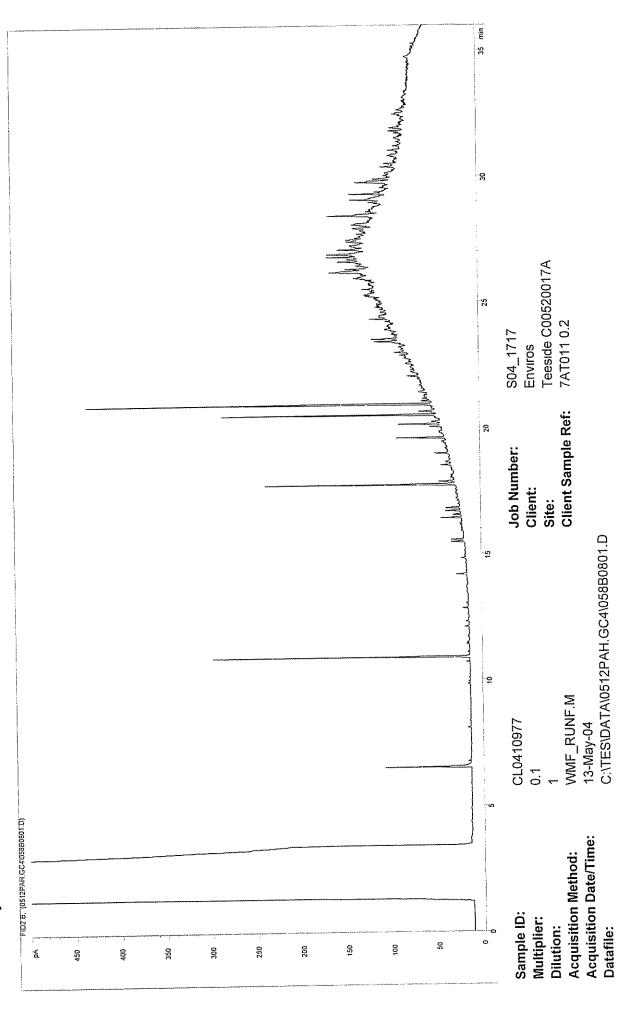
										atestatedrafer diritation was warned to the family was the delicity of the fact of the fac															-8			- UKAS	
														welchield bidde											Sample Analysis	Combined Report	11 June 2004		
																									Soils S	Ö	Date Printed	Report Number	
ug/kg	BIEXHSA 20	220	yes	Xylenes	<20	<20	<20•	<20.	<20	<20.	<20	<20	<20	<20	<20	<50	<20	<20	<20	<50.	<20	<50*	<20	<20					
ng/kg	BIEXHSA	2	yes	Ethyl Benzene	<10	c10	<10.	<10.	<10	<10.	<10	<10	<10	<10	<10	<25	<10	<10	<10	<25*	<10	<25*	<10	<10					
ug/kg	BIEXHSA 10	2	yes	Toluene	<10	<10	<10.	<10.	<10	<10.	<10	<10	<10	<10	<10	<25	<10	<10	<10	<25•	<10	<25•	<10	<10				A 2007	717
ug/kg	B EXHON	2	yes	Benzene	<10	<10	<10.	<10.	<10	<10.	<10	<10	<10	<10	<10	<25	<10	<10	<10	<25•	<10	<25•	ot>	<10					-
	2005	0.0	2	Boron.	1.6	9'0	<0.5	1.0	6.0	9.0	<0.5	<0.5	1.4	2.0	1.2	2.6	1.3	1.0	3.1	6.0	1.5	2.3	2.1	2.5	10	mpson		yda cylco I	1
mg/kg	3 8	207	2	Sulphur (total)	2200	<400	<400	2000	9400	<400	1500	<400	11400	9700	0089	3000	4100	006	5200	400	1400	1800	9200	1500	Enviros	Ms B Thompson			
mg/kg	WSLM4	6.0	yes	Phenol Index	<0.5	<0.5	3,3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.0	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	аше				
pH Units	WSLM3		yes	pH units	11.4	8.5	8.4	9.0	9.2	11.4	8.4	8.2	11.3	11.4	10.6	8.1	10.4	8.0	12.4	7.7	12.4	12.9	11.6	8,3	Client Name	Contact			
	Method Codes:	Defection cumps:	UKAS Accredited :	Client Sample Description	7AB001 1.7	7AB001 5,5	7AB002 4.1	7AB002 8.0	7AB003 5.2	7AB004 2.6	7AB005 0.55	7AB005 1.8	7AT001 1.5	7AT001 3.0	7AT003 0.2	7AT003 1.2	7AT005 0.1	7AT005 4.0	7AT006 0.2	7AT006 1.5	7AT007 0.2	7AT007 3.0	7AT008 0.3	7AT008 1.4	TES Bretby		Wurton-on-Trent, Statfordshire, DE15 0XD	Tel +44 (0) 1283 554460	•
***************************************				TES ID Number CL/	0411373	0411374	0411375	0411376	0411377	0411378	0412184	0412185	0414962	0414963	0414964	0414965	0414966	0414967	0414968	0414969	0410979	0410980	0414970	0414971	TES		Prathw	} }	

	Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Detection Limits :	3	<u> </u>	2 +	- - -	2 -	- -	<u> </u>		7 -	<u>-</u>  -			2 -	2 -		-
	TIVAC Acceptance	- 0	- 3	, ,	201				2		-	-	-	-	-	-	
1	UKAS Accredited :	yes	ves	yes	Ves	yes	yes	yes	yes	yes	ves	yes	yes	yes	yes	yes	ves
<u>a</u>	Client Sample Description	Naphthalene (AR)	Acenaphthylene (AR)	Acenaphthene (AR)	Fluorene (AR)	Phenanthrene (AR)	Anthracene (AR)	Fluoranthene (AR)	Pyrene (AR)	Benzo(a)anthracene (AR)	Chrysene (AR)	Benzo(b)fluoranthene (AR)	Benzo(k)fluoranthene (AR)	Benzo(a)pyrene (AR)	Indeno(123-cd)pyrene (AR)	Dibenzo(ah)anthracene (AR)	Benzo(ghi)perylene (AR)
1	7AB001 1.7	۲	7	₽	۲>	₽	۳	٧	۲۷	₽	⊽	۲>	₹	⊽	⊽	⊽	₽
	7AB001 5.5	۲	⊽	₽	₽.	4	₩	Ψ	₹	V	₽	₹	7	V	V	₹	\ \ \ \
	7AB002 4.1		7	٧	٧	₹	₹	₽	1	۲	₽	44	2	₹	٧	₽	12
	7AB002 8.0	٧	۲	٧	<1	₹	۲>	₽	⊽	⊽	₽	⊽	⊽	⊽	⊽	⊽	₹
	7AB003 5.2	\ \	٥	۲۶	₽	₹	₽	₽	₹	7	⊽	⊽	₽		\ \ \	V	₽
	7AB004 2.6	۷	<1	<1	۲	₽	ح1	۷	<1	7	۲	₽	۲	٧	1	٧	۷
	7AB005 0.55	۲۷	7	۲>	٧.	<1	<1	₽	۲	٧	⊽	⊽	٥	<u>۲</u>	٥	₹	۲
	7AB005 1.8	₹	₽	<۱	₹	ţ>	\ <1	7	7	<1	₽	7	⊽	₹	٧	⊽	⊽
	7AT001 1.5	۲	۲		1	6	2	6	7	3	3	4	2	က	2	۲	2
	7AT001 3.0	7	7	٧	⊽	ഗ		5	4	2	2	2	۲	2	₽	<1	۲۷
	7AT003 0.2	₽	⊽	⊽	₽	₽	⊽	۲	⊽	₽	۲	۲۶	۷	₹.	۲.	۲۷	<1
	7AT003 1.2	٧	⊽	7	٧	⊽	⊽	₹	٧	7	<1	۲	<1	۲	۲	۲۶	۲۶
	7AT005 0.1	٧	⊽	⊽	۲	₽	⊽	2	2	_	*	1	۲۶	۲	₹	٧	۲
	7AT005 4.0	<4	⊽	<1	₹	۷.	۲.	V	₹	₽	4	۲۷	₹	⊽	⊽	₹	٧
	7AT006 0.2	⊽	۲	٧	٧	۲۷	⊽	-	2	-	_	+	حر	<1	۲	7	<1
	7AT006 1.5	⊽	٧	٧	٧	٧	₽	₽	٧	₹	⊽	۲	۲	٧	٢	٧	<1
	7AT007 0.2	₹	₹	₹	⊽	₽	₽	₽	₹	۲۷	حر	7		<b>.</b>	₹		₽
	7AT007 3.0	⊽	⊽	٧	₹	-	⊽	-	-	۲	<b>&lt;</b> 1	<1	<1	<b>د</b> ا	₽	۲	۲
	7AT008 0.3	₹	₹	٧	۲	⊽	⊽	⊽	⊽	⊽	۲	٧	<b>V</b>	₹	₩	5	₩
	7AT008 1.4	₹	₽	₽	\ \	V	<۱	Þ		۲	₹.	7	7	<1	<1	۲	۲
	TES Brethv	Client Name	ame	Enviros	rn.						U)	Soils Sa	ımple A	Sample Analysis	5	TO	C
D.	PO Box 190, Brelby Business Park,	Contact		Ms B Thompson	mpson							Con	Combined Report	ort	***************************************		ا الرا الح
æ	Burton-on-Tront, Staffordshire, DE15 0XD										Date Printed	ted		11 Ju	June 2004		7
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u.	fax +44 (0) 1283 554422			-	ころ	χ	ב כ				Table Number	mber	***************************************		-	1252	52
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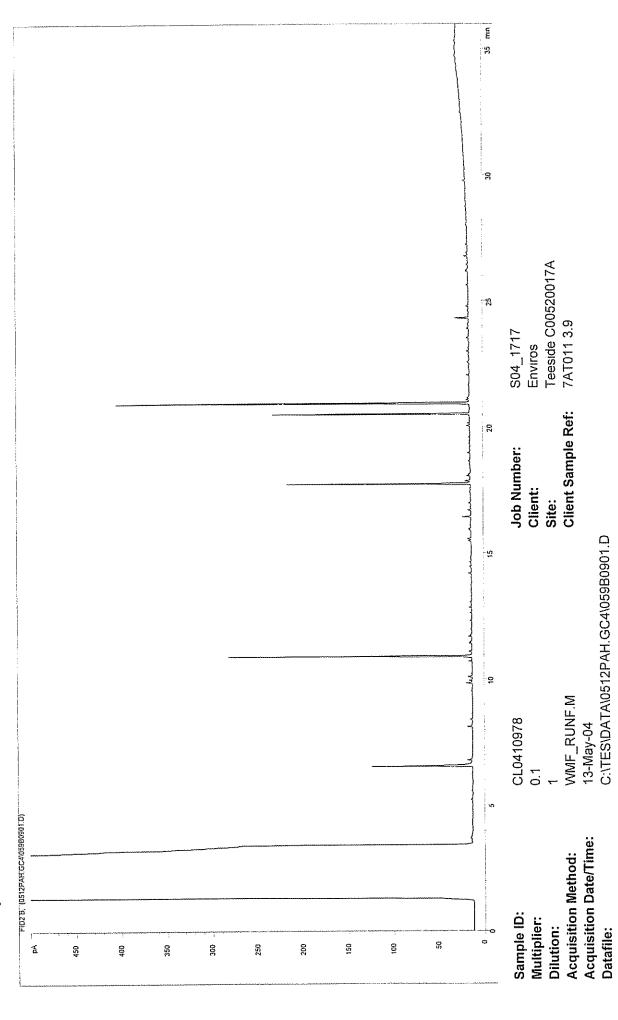
Contact   Cont	WWW.	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	l/gm	mg/kg	mg/kg	mg/kg
Chemical   West   Wes		Constitution Codes	POCINEE		Service	10 10 C	SCINICO ROLL	- -		CTWO 40	LP WISS	CPINION	Criviss			ICI SCN28	CISCNZS	
Clent Name   Environs   Contact   Med 3 Thompson   Contact		Defection Country		7.7	0.0	7	200	0,0	0.0	0.10	0.0	C.O	0.7	3.0	i o		c	30.0
(594) minimipolary (175) (SW) minimipolary (SW)		UKAS Accredited :	yes	yes	ves	ves	sex	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Color   Colo		ent Sample Description	Cyanide (Free)	GRO	Arsenic (MS)	Cadmium (MS)	Chromium (MS)	Copper (MS)	Lead (MS)	Mercury (MS)	Nickel (MS)	Selenium (MS)	Vanadium (MS)	Zinc (MS)	SO4 (H2O sol) mg/l	CN- (total)	Sulphide	TPH GCFID (AR)
Contact   16.6   16.8		7AT009 0.2	₹	<0.2	5.00	0.35	468.1	18.7	30,4	0.18	11.80	1,45	1170	163	49.1	#	165	1490
Countact	è	7AT009 1.8	⊽	<0.2	16.8	0.34	28.7	136.5	70.8	0.14	36.1	<0.50	54.6	136.4	1230	LS.	23	37
Contact   March   Ma	1	7AT010 0.3	٧	<0.2	6.20	0.14	22	16.5	20.8	<0.10	25.3	0.52		66.7	317	₽	\$	409
Courtact   March   M		7AT010 4.0	۷	<0.2	12.40	0.55	287.1	17.7	42.9	0.24	16.4	2.95		141.7	206	⊽	\$	27
Contact   Cont		7AT011 0.2	₽	<0.2	113.1	1.53	20.1	200.3	175.7	0.91	16.6	1.68		484.2	503	₽	588	743
Client Name   Contact   Ms   Conta	, ,	7AT011 3.9	۲	<0.2	7.00	0.23	25.9	17.4	24.5	<0.10	31.6	0.64		72.1	175	₽	\$	41
Client Name		7AT012 0.2	٧	<0.2	6.90	0.18	218.5	12.90	18.7	<0.10	21.5	3,48		76.1	148	ν	571	552
1	· I	7AT0124.0	۲۷	<0.2	9.40	0.14	23.2	14.10	31.5	<0.10	22.5	0.88		61	138	⊽	\$	<10.0
Contact   Color   C	- 1	7AT2 0.5	٧	<0.2	14.70	1.01	597.0	14.80	120.7	0.21	7.70	5.38		241.1	846	2	820	192
Contact   Contact   Ms B Thompson   Contact   Co	- 1	7AT2 2.3	⊽	<0.2	24.7	1.63	76.5	32.4	174.2	3.21	26.3	1.60		418.2	765	₽	37	25
Contact   Ms B Thompson   Contact   Ms B T	- 1	7AT4 2.0	⊽	<0.2	21.1	0.56	31.6	24.9	107.1	0.16	22.1	1.62		340.9	903	۲>	21	60
Contact   Ms B Thompson   Contact   Table Number   Table Numbe	- 1	7AT4 3.0	⊽	<0.2	24.6	0.67	28.7	34.1	169.6	0.30	23.9	1.34		293.6	1970	۲	\$	41
Contact   Ms B Thompson   Combined Report   Co	- 1																	
Client Name	1																	
Contact   Ms B Thompson   Contact   Ms B Thompson   Contact   Ms B Thompson																		
Contact   Ms B Thompson   Contact   Ms B Thompson	- 1																	
Client Name         Enviros         Soils Sample Analysis         Combined Report           Contact         Ms B Thompson         Contact Number         Ms B Thompson           Contact         Ms B Thompson         Combined Report         Table Number           Lackenby Area 7         Table Number         11 June 2004           Page Number         4 of 6	- 1																	
Client Name	- 1											***************************************						
Client Name         Enviros         Soils Sample Analysis         Combined Report           Contact         Ms B Thompson         Combined Report         11 June 2004           Report Number         Table Number         1 Table Number         U K A S Table Number	- 1																	
Contact Mame Enviros Soils Sample Analysis  Contact Ms B Thompson Combined Report  Contact Ms B Thompson Combined Report  Date Printed 11 June 2004  Report Number 1 1 June 2004  Table Number 1 1 1 June 2004  Lackenby Area 7 Table Number 1 1 252																		
Contact Ms B Thompson Combined Report    Contact   Ms B Thompson		TES Bretby	Client N	Vame	Enviros	**						<i>(</i> 7)		ample A	\nalysis	<sub>v</sub>	73	G
Lackenby Area 7  Report Number Table Number  11 June 2004 UK As 1252		PO Box 100, Bretby Business Park,	Contact	Ļ	Ms B Tho	mpson							Con	nbined Rep	port			
Lackenby Area 7  Table Number  1252		Burton-on-Trent, Staffordshire, DE15 0XD										Date Prin	ted		11 Ju			7
Table Number 1 Page Number 4 of 6		Tel +44 (0) 1283 554400			=1	l acto		7 2027				Report N	umber		the state of the s		ر ا ا	AS
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																					Soils Samp	Combin	Date Printed	Report Number	Table Number	
ug/kg	BTEXHSA	50	yes	Xylenes	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20										
ug/kg	BTEXHSA	10	yes	Ethyl Benzene	219	<10	<10	<10	<10	<10	<10	<10	<10	<10	49	410										
ug/kg	BTEXHSA	10	yes	Toluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10								Aros 7	בונס	
ug/kg	BTEXHSA	10	yes	Benzene	<10	ot 2	<10	0L>	0L>	<10	<10	<10	<10	<10	<10	<10									•	
mg/kg				Boron-	1,5	1.9	7.0	<0.5	1.0	<0.5	1.9	<0.5	2.8	1.1	2.4	1.4						mpson		V da o do c	コロンロー	
mg/kg	CL7	400	υu	Sulphur (total)	3600	3100	4900	<400	3800	<400	2700	<400	9900	2100	4200	4700					Enviros	Ms B Thompson				
mg/kg	WSLM4	0.5	yes	Phenol Index	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.0	9.0					аше					
pH Units			yes	pH units	12.6	8.5	12.2	8.6	11.6	8.2	8.4	8.1	11.8	9.6	8.2	6.9					Client Name	Contact				
J: siun	Method Codes :	Detection Limits :	UKAS Accredited :	Client Sample Description	7AT009 0.2	7AT009 1.8	7AT010 0.3	7AT010 4.0	7AT011 0.2	7AT0113.9	7AT012 0.2	7AT012 4.0	7AT2 0.5	7AT2 2.3	7AT4 2.0	7AT4 3.0					S TES Brethy		Burton-on-Trent, Staffordshire, DE15 0XD	Tei +44 (0) 1283 554400	Fax +44 (0) 1263 554422	
				TES ID Number CLJ	0414972	0414973	0410981	0410982	0410977	0410978	0411606	0411607	0413985	0413986	0413987	0413988					TES		Breflov			

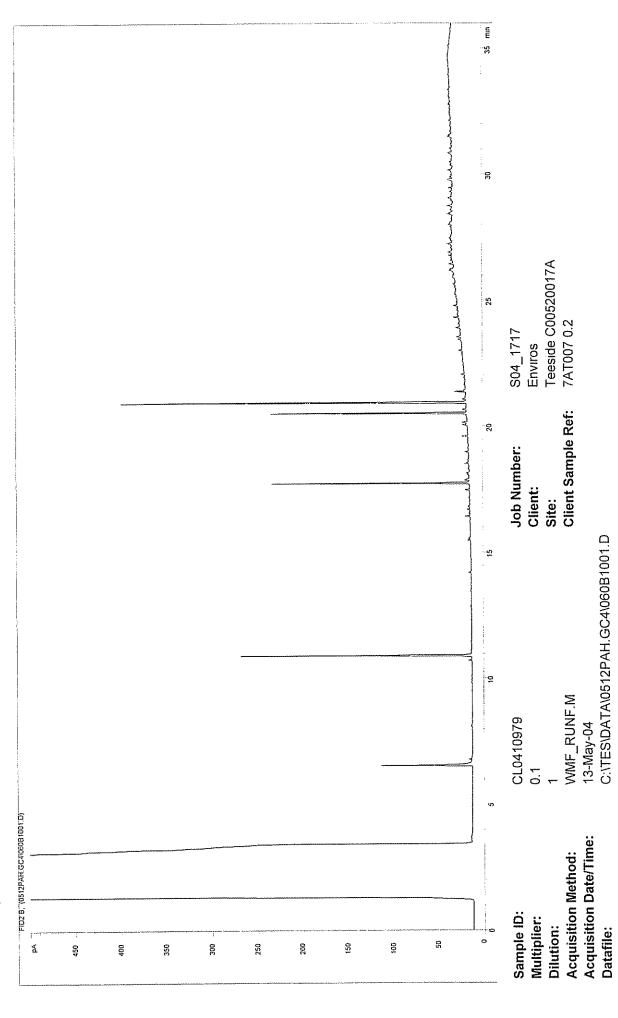
	Units :	mg/kg	mg/kg	mg/kg	та/ка	mg/kg	mg/kg	ma/ka	ma/kg	то/ка	ma/kg	mo/ko	ma/ka	ma/ka	mo/ka	-	tan/ka
	Method Codes:	- 3	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID
	Detection Limits:	,		-	<b>-</b>	<b>,</b>	-	1	-	<b></b> -	_		-	-	<b>-</b>	<u>-</u> -	-
	UKAS Accredited :	yes	yes	ýes	yes	yes	sak	ves	yes	yes	yes	yes	yes	yes	yes	yes	yes
TES ID Number CL/	Client Sample Description	Naphthalene (AR)	Acenaphthylene (AR)	Acenaphthene (AR)	Fluorene (AR)	Phenanthrene (AR)	Anthracene (AR)	Fluoranthene (AR)	Pyrene (AR)	Benzo(a)anthracene (AR)	Chrysene (AR)	Benzo(b)fluoranthene (AR)	Benzo(k)fluoranthene (AR)	Benzo(a)pyrene (AR)	Indeno(123-cd)pyrene (AR)	Dibenzo(ah)anthracene (AR)	Benzo(ghi)perylene (AR)
0414972	2 7AT009 0.2	₽	₽	٧	₽	₽	٧	⊽	٧	₽	₹	₽	⊽	₽	₽	1>	V
0414973	3 7AT009 1.8	₽	⊽	₽	⊽	⊽	1	₹	₽	₽	₽	₹	\\ \tag{\frac{1}{2}}	12	V	₹	∇
0410981	11 7AT010 0.3	٧	٧	٧	₽	⊽	₹	⊽		∇	₽	₽	₽		⊽	₹	⊽
0410982	7AT010 4.0	₽	۲	۲	۲	۲	۲	₽	٧	₹	⊽	⊽	₽	D	₽	₽	V
0410977	7 7AT0110.2	₹	<1	۲	<۱	<1	۲۷		⊽	₽	₹	₽	V	₽	₽	₹	7
0410978	'8 7AT011.3.9	<۱	۲۶	۲>	<1	حا	۲۶	₽	₽	₹	ı.	₽	₽	₽	₽	₽	₽
0411606		⊽	⊽	۲	۲	3	1	5	4	2	2	2	_	2		⊽	-
0411607	7AT012 4.0	⊽	₹	₽	۲۶	<1		₹	⊽	⊽	₹	∇	₹	⊽	5	₽	₽
0413985	15 7AT2 0.5	⊽	⊽	۲	Ŋ	1	₽	2	-	₹	7	∇	₽	⊽	5	₽	চ
0413986		۲	⊽	٧	٧	٧	⊽	⊽	<1	۲۶	۲	₽	₹	₹	12	₽	⊽
0413987		₹	٧	۷.	٧	٧	۲	۷	۲	⊽	₹	₽	V	₹	₹	⊽	⊽
0413988	7AT4 3.0	⊽	₽	⊽	⊽			<1	۲	₽	٧	ν	₹		₽	۲	۵
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						***************************************											
	THE PROPERTY OF THE PROPERTY O																
	TES TES Bretby	Client Name	ате	Enviros							S	Soils Sa	mple A	Sample Analysis		*8	(C)
		Contact		Ms B Thompson	mpson							Соп	Combined Report	Tio.			
ក្ខា	Breton Burton-on-Trent, Staffordshire, DE15 0XD										Date Printed	ted		11 June	ne 2004		<u> </u>
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	Fax +44 (0) 1283 554422			-			, ,				Table Number	mber			-	1252	~
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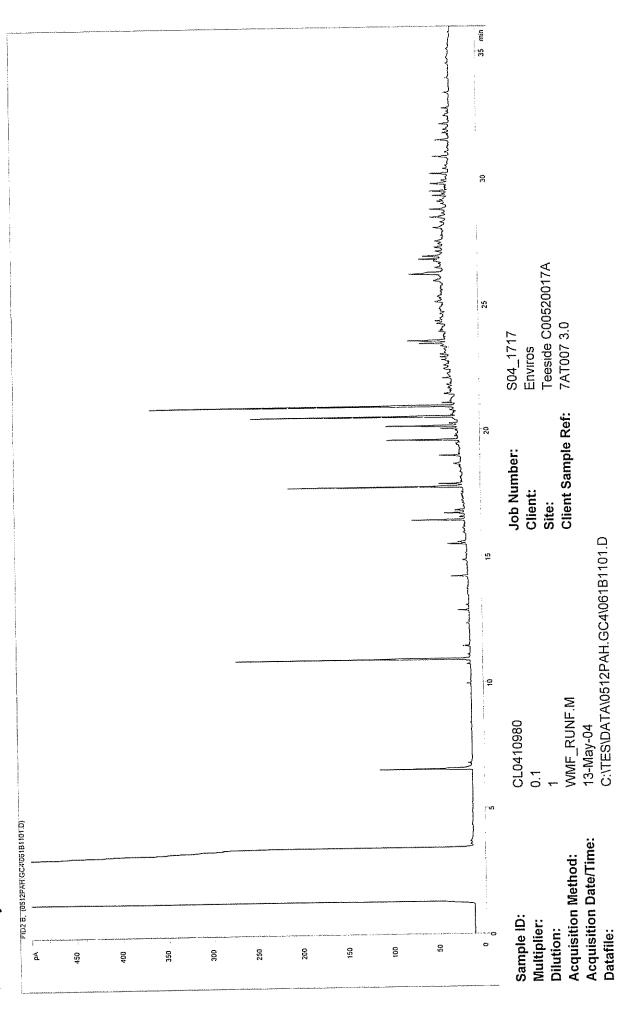
Petroleum Hydrocarbons (C8 to C37) by GC/FID



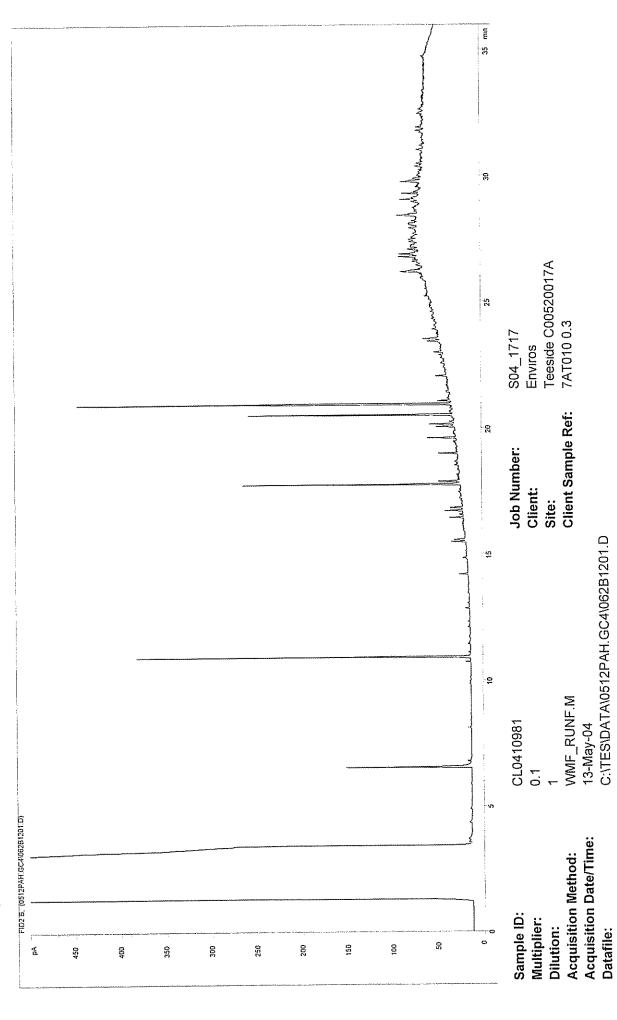
Petroleum Hydrocarbons (C8 to C37) by GC/FID



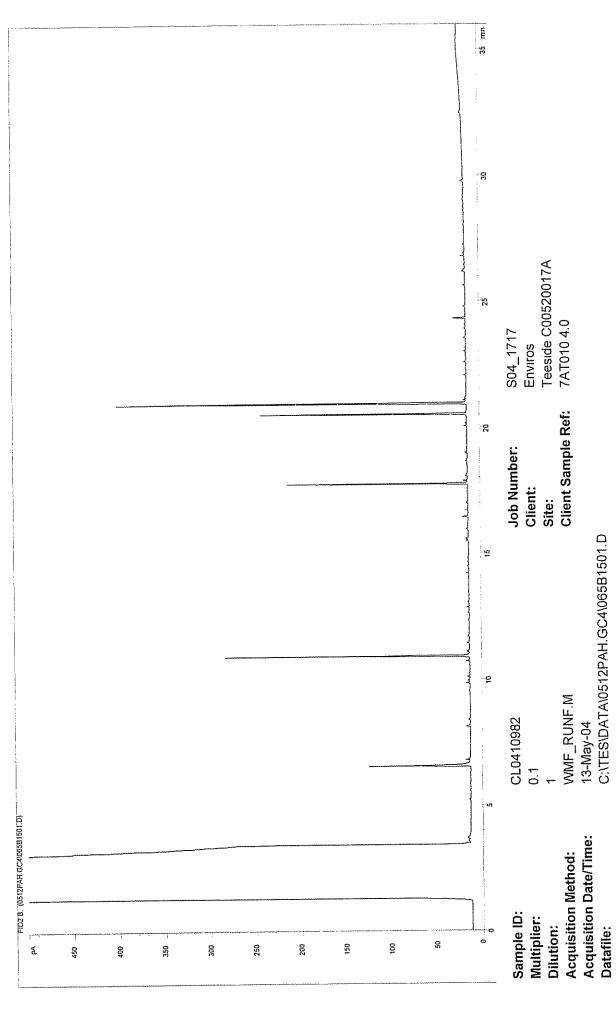
Petroleum Hydrocarbons (C8 to C37) by GC/FID



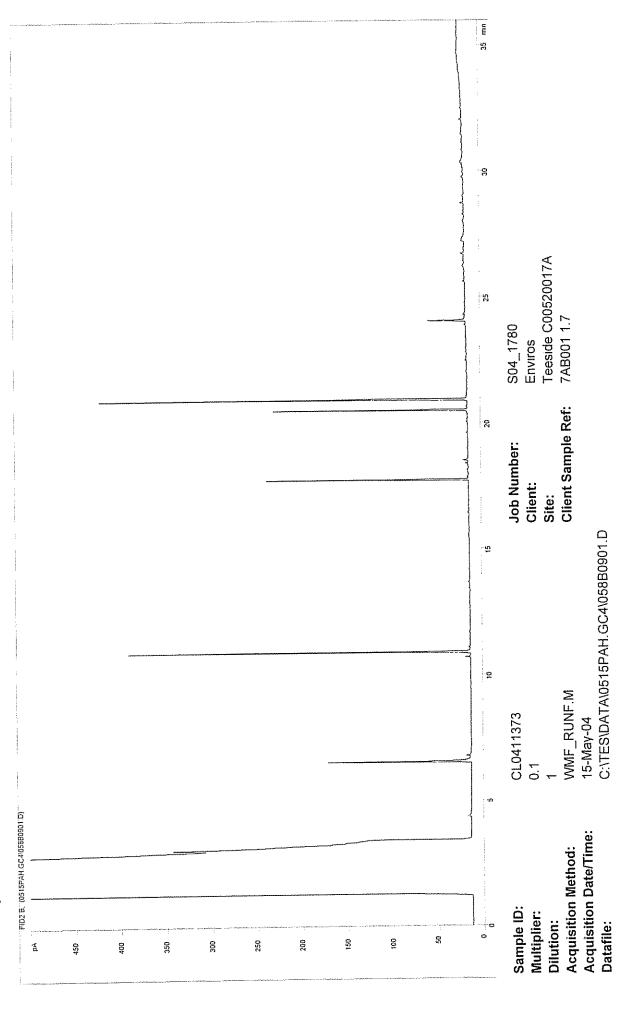
Petroleum Hydrocarbons (C8 to C37) by GC/FID



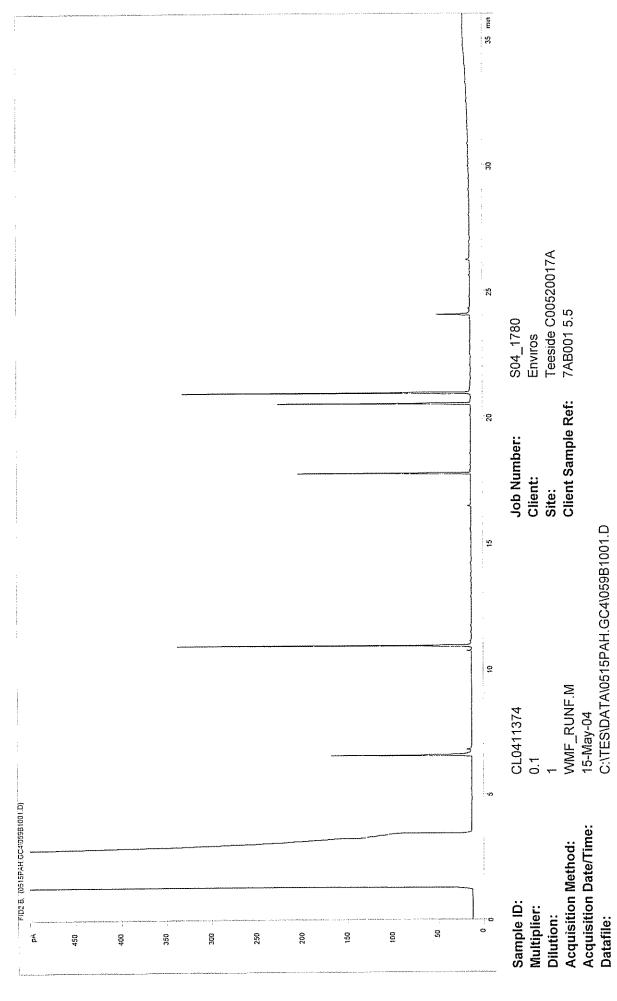
Petroleum Hydrocarbons (C8 to C37) by GC/FID



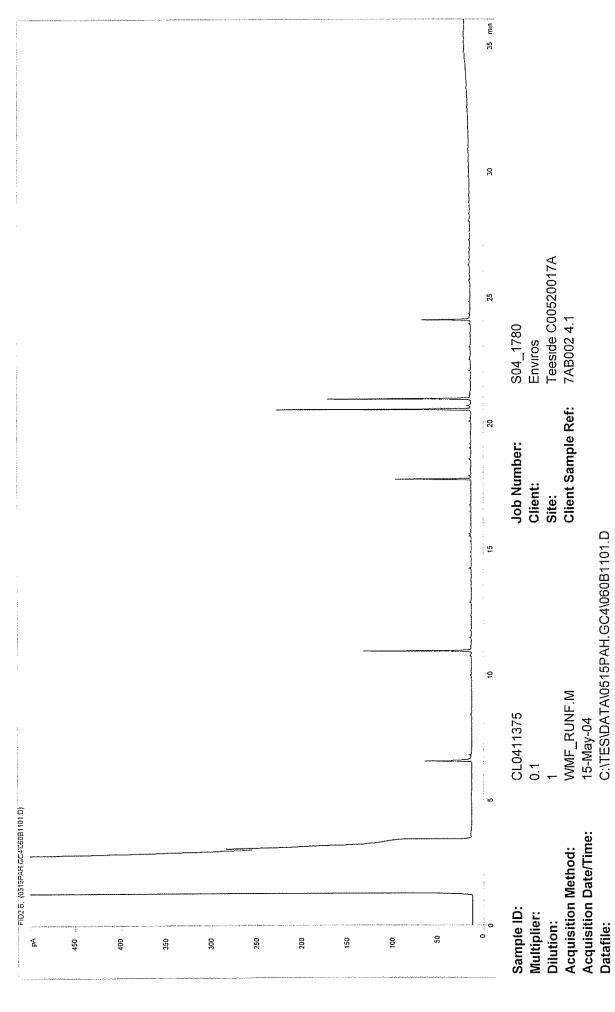
Petroleum Hydrocarbons (C8 to C37) by GC/FID



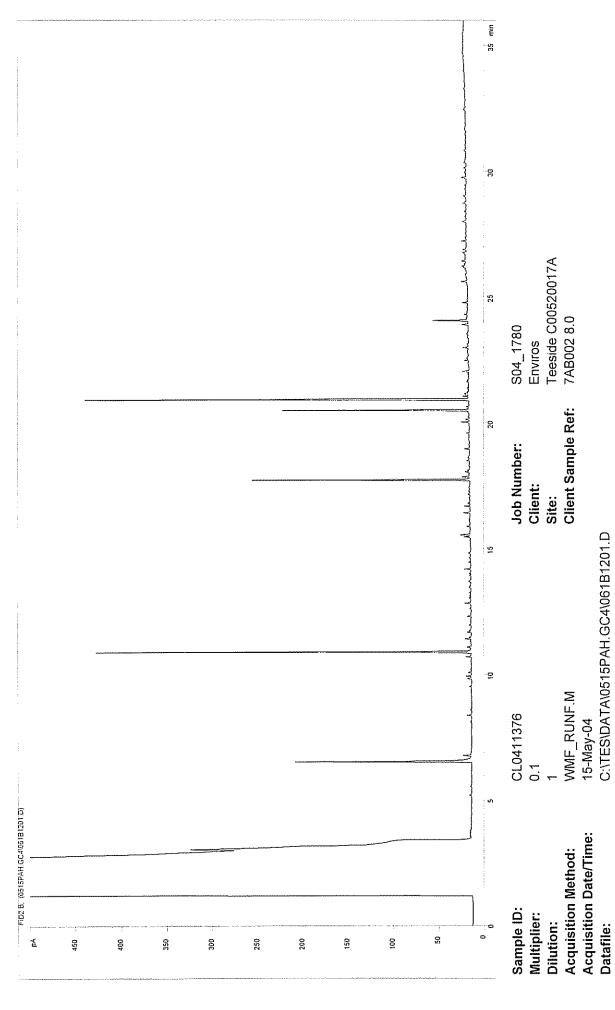
Petroleum Hydrocarbons (C8 to C37) by GC/FID



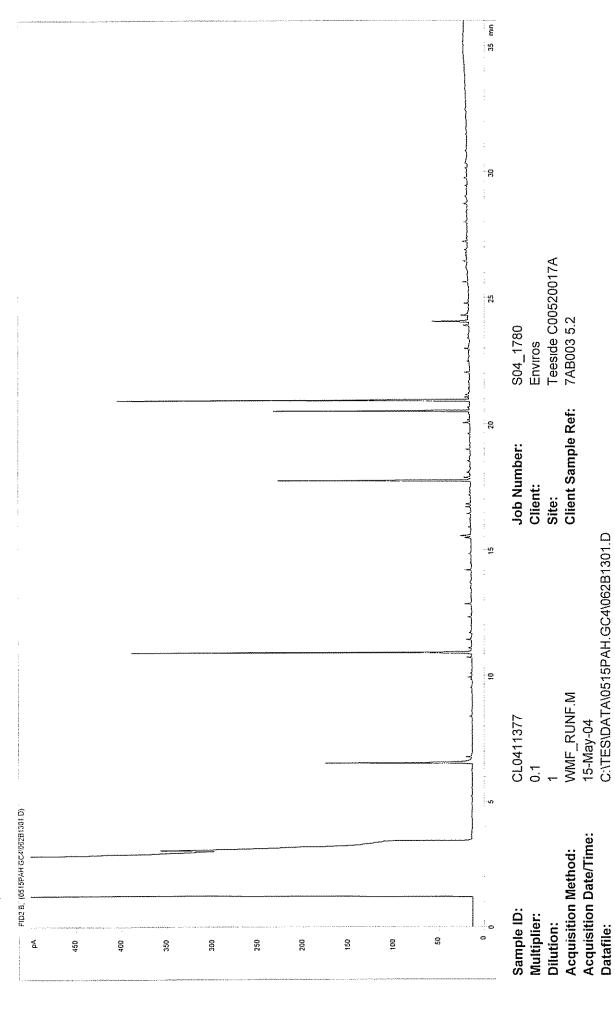
Petroleum Hydrocarbons (C8 to C37) by GC/FID



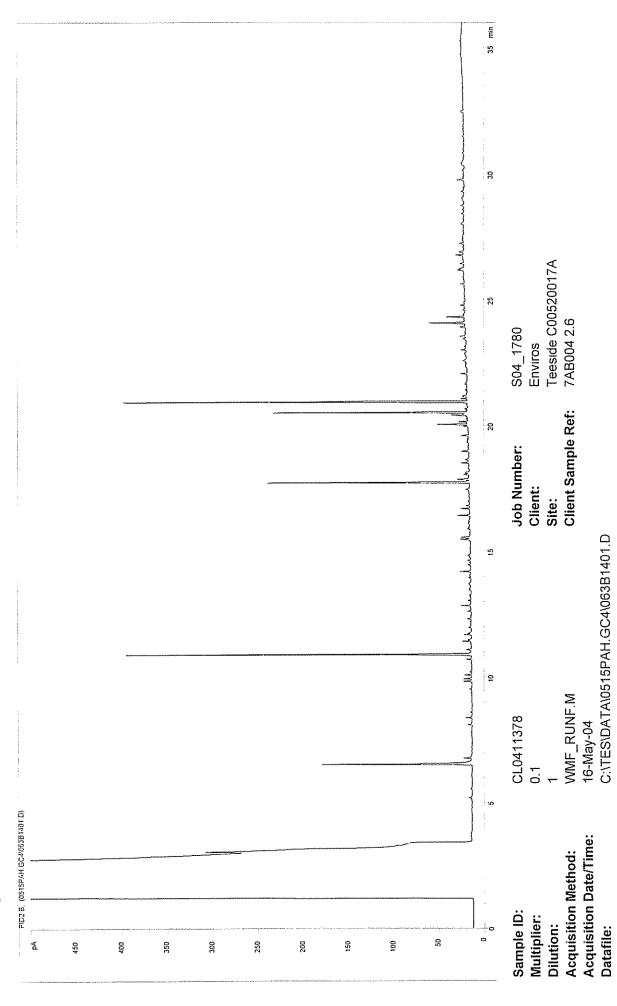
Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



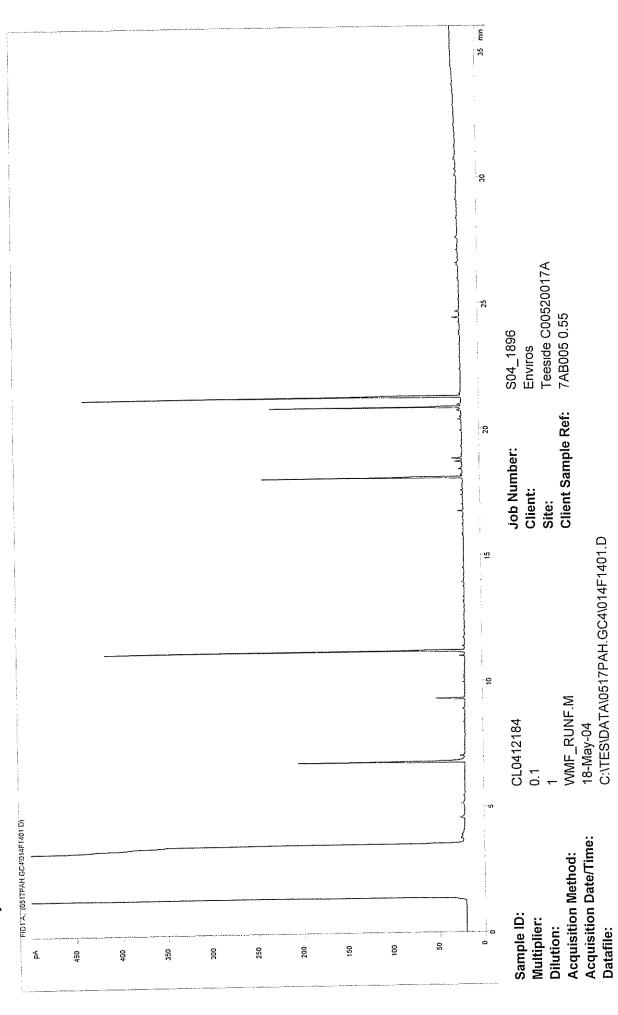
Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_1807 Enviros Teeside C00520017A 7T012 0.2 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 21-May-04 D:\TES\DATA\0520PAH.GC5\020F2001.D CL0411606 0.1 Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: 읈 8 ă 8 250 23 150 450 350 8

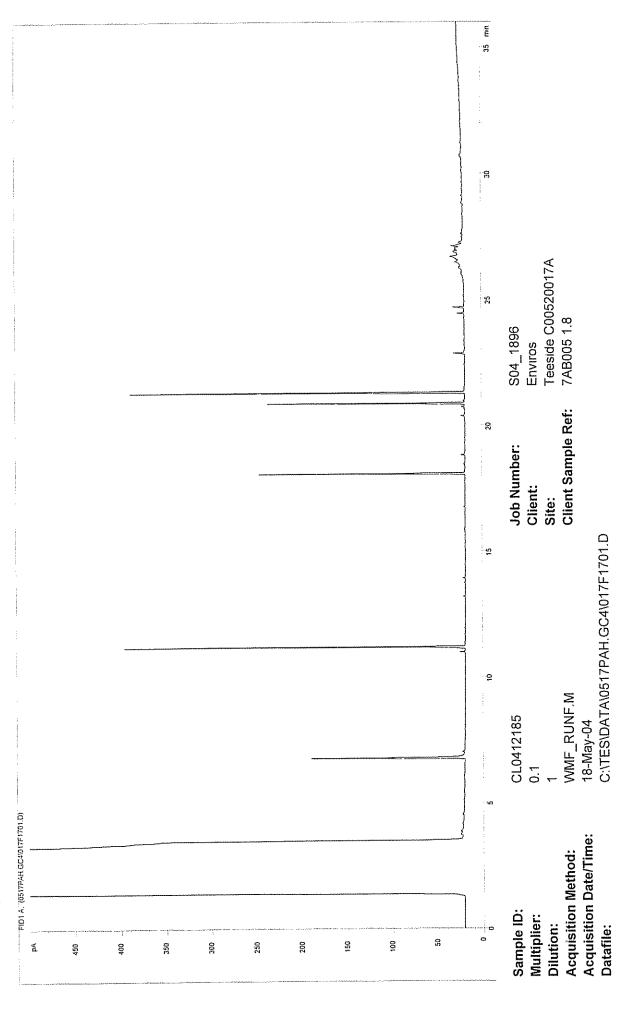
Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_1807 Enviros Teeside C00520017A 7T012 4.0 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 21-May-04 D:\TES\DATA\0520PAH.GC5\023F2301.D CL0411607 0.1 Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: <u>15</u> 8 S S 150 450 350 300 250 200 90

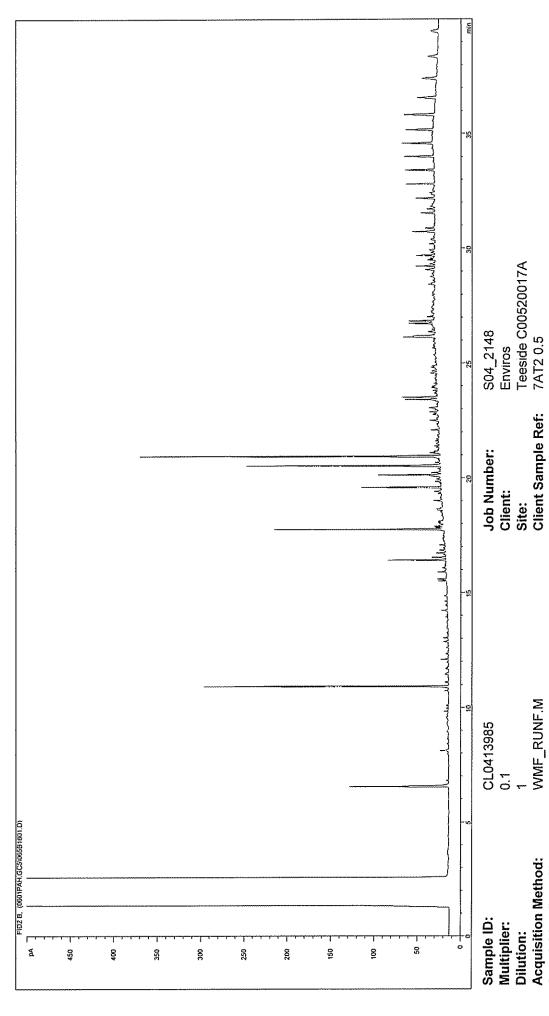
Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID

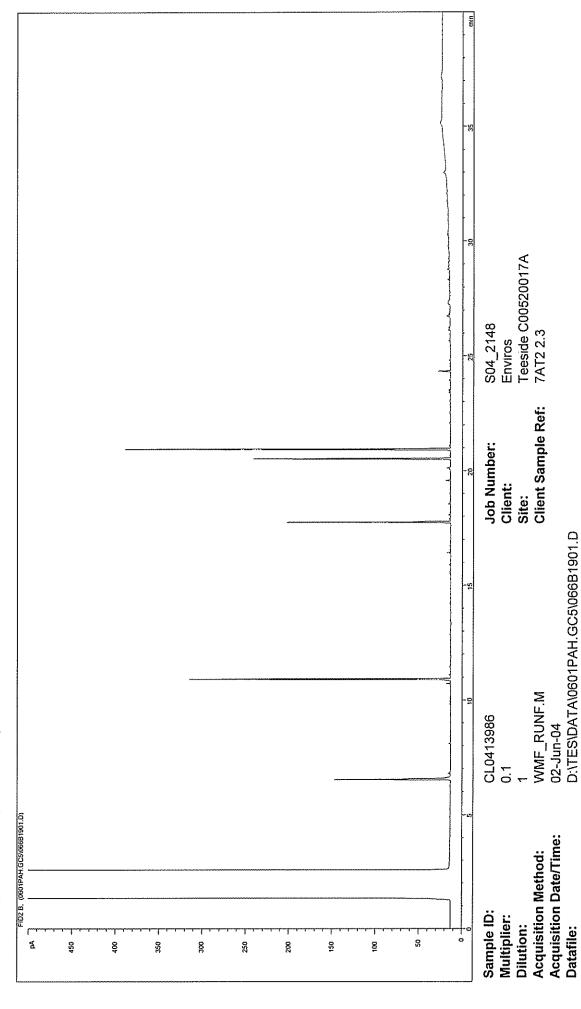


WMF\_RUNF.M 02-Jun-04 D:\TES\DATA\0601PAH.GC5\065B1801.D

Acquisition Method: Acquisition Date/Time: Datafile:

Dilution:

Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2148 Enviros Teeside C00520017A 7AT4 2.0 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 02-Jun-04 D:\TES\DATA\0601PAH.GC5\067B2001.D CL0413987 0.1 FID2 B. (0601PAH.GC50067B2001.D) Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: a a 23 8 450 8 320 900 200 150 22

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2148 Enviros Teeside C00520017A 7AT4 3.0 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 02-Jun-04 D:\TES\DATA\0601PAH.GC5\068B2101.D CL0413988 0.1 FID2 B. (0601PAH.GCS\068B2101.D) Acquisition Date/Time: Datafile: Acquisition Method: Sample ID: Multiplier: Dilution: <u>₹</u> S 1 8 300 250 200 150 \$ 450 350

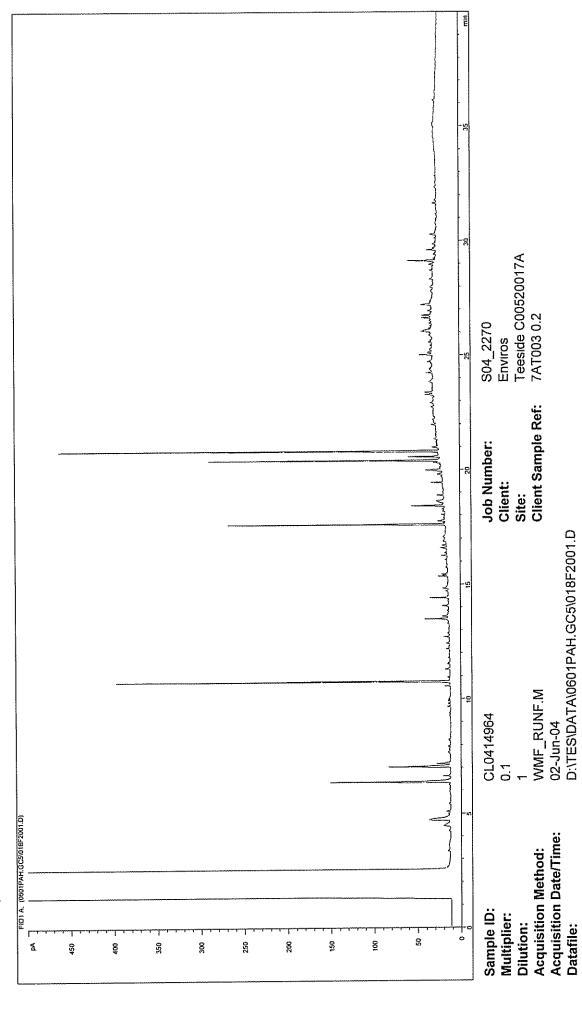
Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT001 1.5 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 02-Jun-04 D:\TES\DATA\0601PAH.GC5\016F1801.D CL0414962 0.1 FID1 A, (0601PAH.GC5016F1801.D) Acquisition Date/Time: Datafile: Acquisition Method: Sample ID: Multiplier: Dilution: 9 200 8 á 8 8 200 902

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT001 3.0 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 02-Jun-04 D:\TES\DATA\0601PAH.GC5\017F1901.D CL0414963 0.1 Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: Ą. 8 8 88 250 200 150 400 350 450

Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT003 1.2 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 02-Jun-04 D:\TES\DATA\0601PAH.GC5\019F2101.D CL0414965 0.1 FID1 A. (0601PAH.GC50019F2101.D) Acquisition Date/Time: Datafile: Acquisition Method: Sample ID: Multiplier: Dilution: Γ¬ **≦** 몺 <del>2</del> 55 350 200 150 8 8 220

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT005 0.1 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\054B0601.D CL0414966 0.1 FID2 B, (0501PAH.GCS:05480601.D) Acquisition Date/Time: Datafile: Acquisition Method: Sample ID: Multiplier: Dilution: **1** 묾 8 450 8 220 200 150 350 8

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT005 4.0 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\055B0701.D CL0414967 FID2 B. (0601PAH.GCS\05580701.D) Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: 8 \$ 8 ä 8 350 8 250 8 450

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT006 0.2 Job Number: Client: Site: Client Sample Ref: CL0414968 0.1 Sample ID: Multiplier: Dilution: <u>ا</u> ٤ 50 350 8 450 300 250 88 20 8

WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\056B0801.D

Acquisition Method: Acquisition Date/Time: Datafile:

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT006 1.5 Job Number: Client: Site: Client Sample Ref: CL0414969 0.1 Sample ID: Multiplier: Dilution: E. 8 5 35 450 8 350 250 202 8

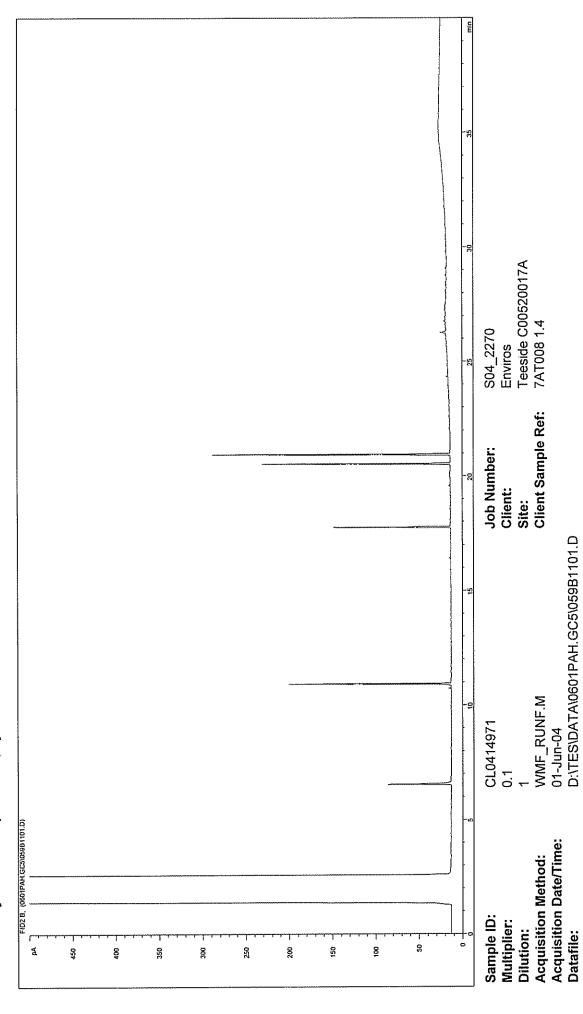
WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\057B0901.D

Acquisition Method: Acquisition Date/Time: Datafile:

Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT008 0.3 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\058B1001.D CL0414970 0.1 Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: ¥ 20 ŝ 450 8 350 8 250 200 150

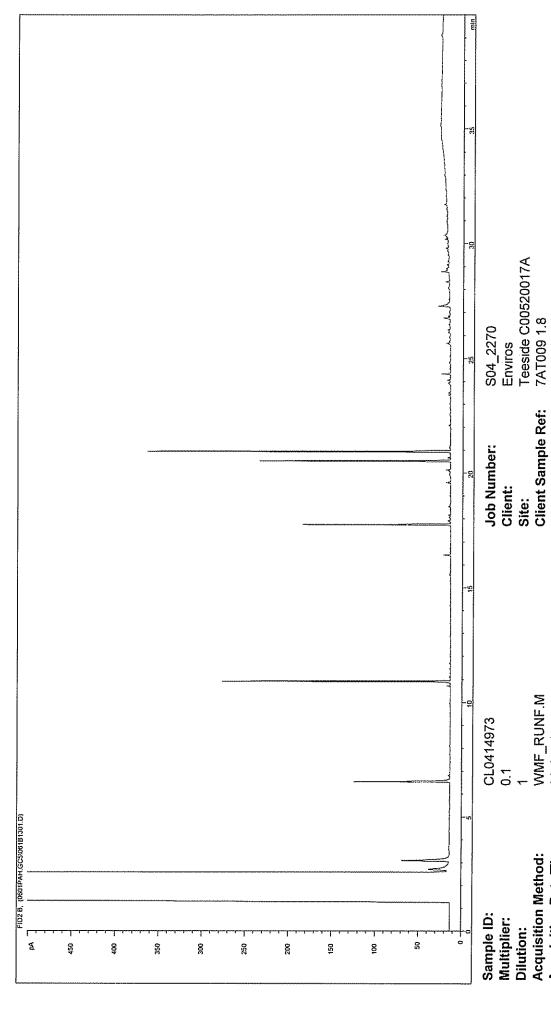
Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID

S04\_2270 Enviros Teeside C00520017A 7AT009 0.2 Job Number: Client: Site: Client Sample Ref: WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\060B1201.D CL0414972 0.1 Acquisition Method: Acquisition Date/Time: Datafile: Sample ID: Multiplier: Dilution: 50 ā 250 450 60 320 8 200 55 8

Petroleum Hydrocarbons (C8 to C37) by GC/FID



WMF\_RUNF.M 01-Jun-04 D:\TES\DATA\0601PAH.GC5\061B1301.D

Acquisition Method: Acquisition Date/Time: Datafile:

Petroleum Hydrocarbons (C8 to C37) by GC/FID



1				~	
· <del>/ · · · · · · · · · · · · · · · · · ·</del>			Large presence of PAHs.	7AT001 1.5	CL0414962
·		for ID.	Lean extract, insufficient data for ID.	7AB005 1.8	CL0412185
·		for ID.	Lean extract, insufficient data for ID.	7AB005 0.55	CL0412184
<del></del>	in the range nC14-nC37+. Some unidentified fine structure. n-Alkane trace including pristane/phytane. of PAHs.	+. Some unidentified fine structure	UCM in the range nC14-nC37- Trace of PAHs.	7AB004 2.6	CL0411378
T	Low level UCM in the range nC14-nC37+. Some unidentified fine structure, n-Alkane trace including pristane/phytane.	C14-nC37+. Some unidentified fin	Low level UCM in the range not pristane/phytane.	7AB003 5.2	CL0411377
	Low level UCM in the range nC14-nC37+. Some unidentified fine structure. n-Alkane trace including pristane/phytane.	C14-nC37+. Some unidentified fin	Low level UCM in the range not pristane/phytane.	7AB002 8.0	CL0411376
			Lean extract, insufficient for ID.	7AB002 4.1	CL0411375
		,	Lean extract, insufficient for ID.	7AB001 5.5	CL0411374
<del></del>		·	Lean extract, insufficient for ID.	7AB001 1.7	CL0411373
		Interpretation		Client ID	Lab ID Number
<del></del>	TPH GCFID	Test type :			Report Number
<del>,                                     </del>	J McEwan	Assessor:		Lackenby Area 7	Site
,	20-May-04	Date of assessment:		Enviros	Client :

G.C. Risdon

Reduthorised by C.C. Risdo Associate Director, Environmental Analysis



Client:	Enviros	***************************************	Date of assessment	20-May-04
Site	Lackenby Area 7		Assessor	J McEwan
Report Number:			Test type	TPH GCFID
Lab ID Number	Client ID		Interpretation	
CL0414963	7AT001 3.0	Large presence of PAHs.		
CL0414964	7AT003 0.2	Low level UCM in the range nC14-nC37+,	4-nC37+,	
CL0414965	7AT003 1.2	Lean extract, insufficient for ID.		
CL0414966	7AT005 0.1	Trace of PAHs. Low level UCM in the range nC14-nC37+.	n the range nC14-nC37+.	
CL0414967	7AT005 4.0	Lean extract, insufficient for ID.		
CL.0414968	7AT006 0.2	Trace of PAHs. UCM in the range	of PAHs. UCM in the range nC14-nC37+. n-Alkane trace including pristane/phytane.	cluding pristane/phytane.
CL0414969	7AT006 1.5	Lean extract, insufficient for ID.		
CL.0410979	7AT007 0.2	Mineral Oil style UCM in the rang pristane/phytane.	ge nC18-nC37+, Some unidentific	Mineral Oil style UCM in the range nC18-nC37+, Some unidentified fine structure. n-Alkane trace including pristane/phytane.
CL0410980	7AT007 3.0	UCM in the range nC14-nC37+, S Trace of PAHs.	Some unidentified fine structure.	in the range nC14-nC37+, Some unidentified fine structure. n-Alkane trace including pristane/phytane.
			**************************************	

26 Authorised by

G.C. Risdon Associate Director, Environmental Analysis



Enviros Date of assessment : 20-May-04	Lackenby Area 7 Assessor : J McEwan	Jumber :     Test type :	Jumber         Client ID	4970 7AT008 0.3 Mineral Oil style UCM in the range nC18-nC37+,	7AT008 1.4 Lean extract, insufficient for ID.	4972 7AT009 0.2 UCM in the range nC14-nC37+. n-Alkane trace including pristane/phytane.	4973 7AT009 1.8 Lean extract, insufficient for ID.	0981 7AT010 0.3 UCM in the range nC14-nC37+, Some unidentified fine structure. n-Alkane trace including pristane/phytane.	0982 7AT010 4.0 Lean extract, insufficient for ID.	0977 7AT011 0.2 UCM in the range nC14-nC37+. Some unidentified fine structure. n-Alkane trace including pristane/phytane.	0978 7AT011 3.9 Some unidentified fine structure. n-Alkane trace including pristane/phytane.	3985 7AT002 0.5 Mineral Oil style UCM in the range nC18-nC37+, Some low level laboratory introduced contamination.
Client : E	Site	Report Number:	Lab ID Number	CL0414970	CL0414971	CL0414972	CL0414973	CL0410981	CL0410982	CL0410977	CL0410978	CL0413985

R Authorised by ;

G.C. Risdon

G.C. Risdo Associate Director, Environmental Analysis



Client :	Enviros		Date of assessment:	20-May-04
Site :	Lackenby Area 7		Assessor	J McEwan
Report Number:			Test type	TPH GCFID
Lab ID Number	Client ID		Interpretation	
CL0413986	7AT002 2.3	Lean extract, insufficient for ID.		
CL0413987	7AT004 2.0	Lean extract, insufficient for ID.		
CL0413988	7AT004 3.0	Lean extract, insufficient for ID.		
CL0411606	7T012 0.2	Large UCM in the range nC14-n0	UCM in the range nC14-nC37+. Trace of PAHs. Possibly bio-degraded fuel oil / tar.	io-degraded fuel oil / tar.
CL0411607	7T012 4.0	Lean extract, insufficient for ID.		
Authorised by	G.C. Risdi Associate Director, Environmental Analysis	G.C. Risdon al Analysis		

## **Report Notes**

## Soil/Solid analysis specific:

Results expressed as mg/kg unless stated otherwise S04 analysis not conducted in accordance with BS1377 Water Soluble Sulphate on 2:1 water:soil extract AR denotes analysis conducted on the As Received sample # co-eluted with benzo(b)fluoranthene ### co-eluted with Indeno(123-cd)pyrene BTEX analysis expressed as ug/kg As Received Phenol HPLC results expressed as mg/kg As Received

## Water analysis specific:

Results expressed as mg/l unless stated otherwise

## Oil analysis specific:

Results expressed as mg/kg unless stated otherwise S.G. expressed as g/cm³@ 15°C

### Filter analysis specific:

Results expressed as mg on filter unless stated otherwise

### VOC analysis specific:

Explanatory notes for data flagging

U = undetected above reporting limit

 ${f J}$  = concentration at instrument was below lowest calibration standard

E = concentration at instrument was above top calibration standard

B = compound was detected in method blank

## Gas (Tedlar bag) analysis specific:

Results expressed as ug/l unless stated otherwise

## Air (Carbon tube) analysis specific:

Results expressed as ug on tube unless stated otherwise

## Asbestos analysis specific:

CH denotes Chrysotile

**CR** denotes Crocidolite

AM denotes Amosite

NADIS denotes No Asbestos Detected in Sample

NBFO denotes No Bulk fibres Observed

T Trace

L Low (2-15%)

M Medium (15-50%)

H High (>50%)

## General notes:

^ this analysis was subcontracted to another laboratory

\$ Within laboratory tolerances

\$\$ unable to analyse due to nature of sample

¥ Results for guidance only, possible interference

& Blank corrected

I.S insufficient sample for analysis

Intf Unable to analyse due to interferences

**N.D** Not determined

N.R Not recorded

N.Det Not detected

Req Analysis Requested, see attached sheets for results

\* denotes this result not UKAS accredited on this sample

Paised detection limit due to nature of sample



## TEST REPORT SOIL SAMPLE ANALYSIS



1252

## Combined Report TES Report No. Lackenby Area 8

Site: Lackenby Area 8

Enviros Sanderson House Station Road Horsforth Leeds LS18 5NT

The 15 samples described in this report were scheduled for analysis by TES Bretby between 27/04/04 and 07/05/04. The analysis was completed by Friday, 11 June 2004.

Tests marked as 'not UKAS accredited' and any opinions or interpretations expressed herein are outside the scope of any UKAS accreditation held by TES Bretby laboratories.

The following tables are contained in this report:

Table 1 Main Analysis Results Tables of TPH Chromatograms (15 Pages) Tables of TPH Interpretations (2 Pages) Table of Report Notes (1 Page)

On behalf of TES Bretby :

J Hannah Project Co-ordinator

Date of Issue: 11/06/04

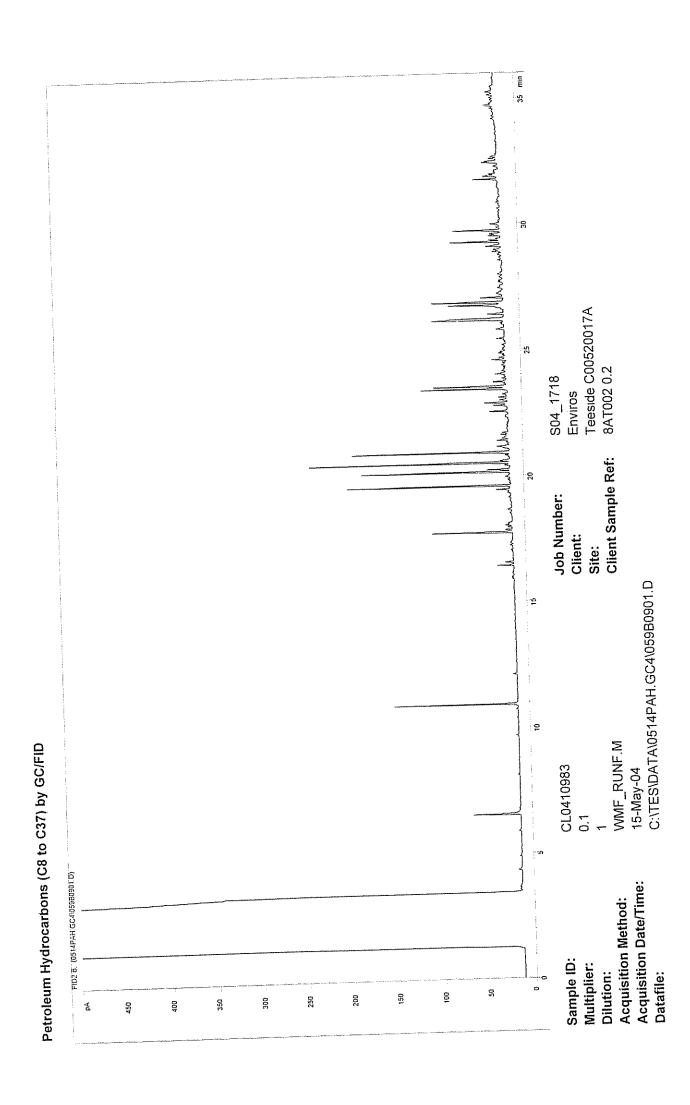
Tests marked 'not UKAS accredited' in this report are not included in the UKAS Accreditation Schedule for our laboratory.

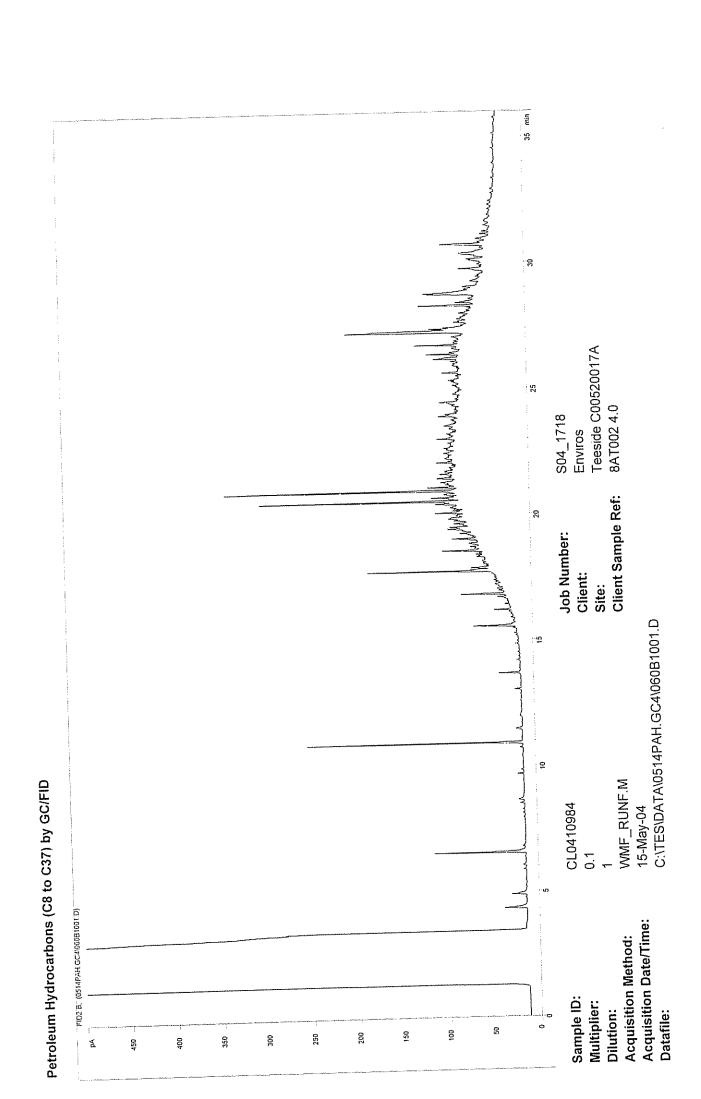
TES Bretby accepts no responsibility for the sampling related to the above results

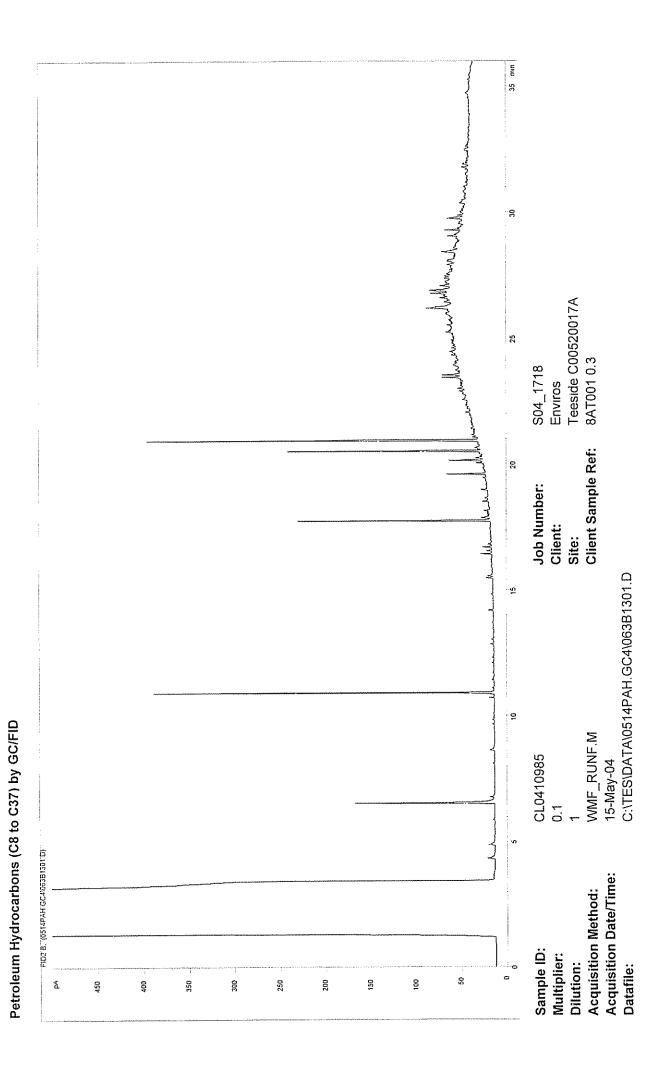
/kg pH Units	+		ss yes	pH units	<10.0 8.2	41 10.5	24 8.3	309 12.5	16 10.2	90 12.1	579 8.6	1377 11.2	95 11.4	113 11.1	75 9.3	<10.0 11.1	57 8.8	94 12.8	36 10.4			4			(**)	
/kg mg/kg			es yes	TPH GCFID (AR)  Sulphide	<5 <10	114	<5 2	435 30	394 1	1854 9	<5 5	1615   13	3239 9	912 1	<5 7	425 <1	383 5	<5	564 3						2004	
mg/kg	() ()	47	yes	эшриче	, v	-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4	Ř	18	٧	16	35	6	٧	4	κ	V	(I)				SIS		June	
mg/kg		-	yes	CN- (total)	٧	2	⊽	e	<1	۲	۲	+	3	۲	۲	۲	٧	⊽	٧				Analy	eport	=	
mg/l	מליל בייליליליליליליליליליליליליליליליליל	0.3	yes	SO4 (H2O sol) mg/l	229	230	96.3	356	1810	540	585	95.8	78.8	099	304	1480	62.8	7.97	340				Sample Analysis	Combined Report		
mg/kg	001110	3.0	yes	Zinc (MS)	71.2	88	49	39.3	51.2	64,6	98	302.3	39.3	40.9	63.3	92.1	132.6	53.9	63.2				SOIIS	ວິ	nted	
mg/kg	202177	0.5	yes	Selenium (MS)	29.0	1.55	0.94	2.95	2.62	5.24	0.58	5.37	6.03	3.06	0.78	2.80	2.09	3,10	1.08				~		Date Printed	
mg/kg	SON	0.5	yes	Nickel (MS)	29.5	30.7	24.1	7.10	19.9	3.50	16.8	6.50	5.20	6.20	23.1	61	15.5	7.90	26.2	***************************************						
mg/kg	20.00	0.10	yes	Mercury (MS)	<0.10	0.12	<0.10	<0.10	<0.10	<0.10	<0.10	0.32	0.19	<0.10	<0.10	0.32	0.38	<0.10	<0.10							
TODAKG		0.5	ves	Lead (MS)	26.6	25.8	14.20	17.8	16.3	16.5	52.6	102	19.4	21.4	18	41.9	45.7	16.5	19.8							
mg/kg	20.00	0.5	yes	Copper (MS)	18.4	20.1	13.90	11.20	10.80	5.50	13,50	10.10	5.50	10,10	14.10	42.5	13.30	12.30	15.2							
ICDMSG ICDMSG	2	0.0	ves	Chromium (MS)	28.2	69.5	22.8	645.9	35.4	458.5	29.3	199.2	288.1	201.3	24	94.5	35.9	419.3	55.6							
C'DAASS	2	0.1	yes	Cadmium (MS)	0.23	0.22	0.14	0.35	0.29	0.11	0.34	0.59	0.13	0.31	0.15	0.33	0,18	0.32	0.26					трѕоп		
mg/kg	20170	0.5	yes	Arsenic (MS)	09.9	12.20	5.50	4.30	5.90	6.00	8.90	9.50	10.40	5.10	6.10	7.80	12.40	5.60	6.60			L	EUVILOS	Ms B Thompson		
mg/kg	50.00	7.0	yes	GRO	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	The state of the s			ame			
mg/kg	22/1000		yes	Cyanide (Free)	٧	۲	٧	۲	۲	۲		77	۶	⊽	₹	<b>^</b> 1	<b>^</b> 1	<1	⊽				Cilent Name	Contact		
Units:	Sanon nomali	Detection Limits:	UKAS Accredited :	Client Sample Description	8AB001 2.2	8AB002 1.0	8AB002 2.4	8AT001 0.3	8AT001 1.2	8AT002 0.2	8AT002 4.0	8AT003 0.2	8AT003 3.8	8AT004 0.2	8AT004 1,6	8AT005 0.3	8AT005 3.2	8AT006 0.3	8AT006 1.5				rethv	PO Box 100, Brelby Business Park,	Burton-on-Trent, Staffordshire, DE15 0XD	
				Client Sampl	8AB0	8AB0	8AB0	BATO	8AT0	8AT0	8AT0	8AT0	BATC	8ATC	BATC	BATC	8ATC	8ATC	BATC				S TES Brethy			?
				TES ID Number CL/	0412181	0412182	0412183	0410985	0410986	0410983	0410984	0411176	0411177	0410989	0410880	0411174	0411175	0410987	0410988				TES		Brothw	

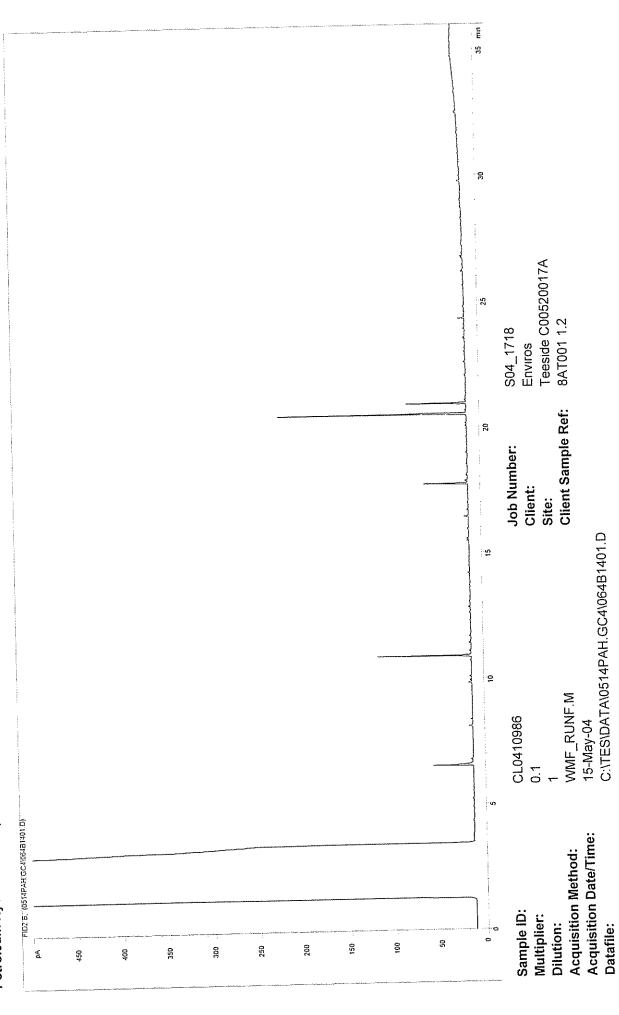
																									-8			UKAS	1252	
																						Historia			e Analysis	Report	11 June 2004		+	2 of 3
													and the same of th												Soils Sample Analysis	Combined Report	Date Printed	Report Number	Table Number	Page Number
l ug/kg	EXHSA	20	Ves	2	Xylenes	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<20	<20	<20	<20			We will be the second of the second s							
ug/kg	BTEXHSA	10			Ethyl Benzene	<10	<10	×10	<10	<10	<10	<10	<10	<10	<25	<10	<10	<10	<10	<10									Aleg o	
ug/kg			ves	200	Toluene	<10	<10	<10	<10	c10	410	<10	40	c10	<25	<10	<10	<10	<10	<10								2	Lackelluy	
ug/kg	BTEXHSA	10	VPC	20,	Benzene	<10	×10	<10	×10	ot >	410	40	×10	c10	<25	<10	<10	<10	<10	<10			***************************************		S	Ms B Thompson		700	Lack	
mg/kg	ICPBOR	0.5	00		Boron.	<0.5	1.7	9.0	0.8	1.7	<0.5	<0.5	3.5	1.5	2.8	9.0	2.0	1.9	0.9	<0.5					Enviros	Ms B Th				
mg/kg	CL7	400	200	2	Sulphur (total)	<400	<400	900	4300	4900	12100	1600	7100	11100	5300	400	2300	1900	5300	009					<b>l</b> ame	لسهد				
та/ка	WSLM4	0.5	200	, Acs	Phenol Index	<0.5	<0.5	<0.5	<0.5	0.6	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					Client Name	Contact				
Units	Method Codes :	Detection Limits :	- Language Control	ONAS Acciented :	Client Sample Description	8AB001 2.2	8AB002 1.0	8AB002 2.4	8AT001 0.3	8AT001 1.2	8AT002 0.2	8AT002 4.0	8AT003 0.2	8AT003 3.8	8AT004 0.2	8AT004 1.6	8AT005 0.3	8AT005 3.2	8AT006 0.3	8AT006 1.5				***************************************	TES Brethy		Burton-on-Trent, Staffordshire, DE15 0XD	Tel +44 (0) 1283 554400	Fax +44 (0) 1283 554422	
					TES ID Number CL/	0412181	0412182	0412183	0410985	0410986	0410983	0410984	0411176	0411177	0410989	0410990	0411174	0411175	0410987	0410988					TES		Rrethy	) i		

	Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	тд/кд	mg/kg	mg/kg	mg/kg	тд/кд	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Method Codes :	- 1	PAHFID	PAHFID	HAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID
	Detection Limits:		-	-	-	-			-			-		1	_	+	-
	UKAS Accredited :	yes	yes	yes	ves	yes	yes	yes	yes	yes	yes	yes	yes	yes	ves	yes	ves
															*		
TES ID Number	Client Sample Description	Naphthalene (A	Acenaphthylene	Acenaphthene (	Fluorene (AR	Phenanthrene (.	Anthracene (A	Fluoranthene (/	Pyrene (AR)	Benzo(a)anthracer	Chrysene (Af	Benzo(b)fluoranthe	Benzo(k)fluoranthe	Benzo(a)pyrene	Indeno(123-cd)pyre	Dibenzo(ah)anthrac	Benzo(ghi)peryler
CLI		AR)	(AR)	AR)	1)	AR)	.R)	AR)	)	ne (AR)	R)	ene (AR)	ene (AR)	(AR)	ene (AR)	ene (AR)	ne (AR)
0412181	81 8AB001 2.2	۲>	۲۶	۷1	۲	۲٠		7	4	₽	٧	₽	۷	⊽	₹	⊽	⊽
0412182	82 8AB002 1.0		<b>!</b> >	۲۶	₽	₹	۷.	₹	<4	⊽		V	₹	2	⊽	₽	₽
0412183	83 8AB002 2.4	₽			در	۲	۷.	۲	٧	٧	٧	V	₹	∇	₹	۲۷	٥
0410985		٧	٧	₽	⊽	⊽	⊽	<b>.</b>	۲	₽	٦	⊽	₽	√	₽	₹	₹
0410986		٧	₽	⊽	₹	٧	₹	5	₽	₽	۲	₽	₽	₹	2	₹	V
0410983		٧	₽	₽	₽	٧.	₹	3	3	2	2	2		2	-	⊽	_
0410984		⊽	₽	5	₽	۷	⊽	٧	₽	₽	۲>	۲۶	₽	₽	₽	₽	₽
0411176		⊽	2	2	2	27	80	80	62	36	33	34	21	29	18	9	16
0411177		⊽	⊽	۲۷	⊽	۲	⊽	٧	₽	₽	<1	۲۷	<1	⊽	₽	۲	₽
0410989		٧	٧	٧	۲	₹	₽	۲	⊽	₹	⊽	۲	۲۷	۲	⊽	₽	▽
0410990		<b>.</b>	⊽	⊽	⊽	₽	⊽	₹	⊽	۲	₹	7	۲,	<۱	₽	₽	~
0411174		۲	۲۷	₽	₹	7	₽	₹	₽	₹	۲۶	<1	\ <1	₽	₹	⊽	⊽
0411175		۲	⊽	٧	۲	٧	₹	₹	⊽	۲.	<1	₽	<1	۲۲	V	⊽	₽
0410987		⊽	₹	₽	-12	7	₹	₹		7	⊽	₽	₽	⊽	₹	₽	\ \ \
0410988	88 8AT006 1.5	۶	₹	⊽	7	7	₽	٥	₽	₽	₽	₽	<1	٧	₽	₹	۲
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	TES TES Bretby	Client Name	ame	Enviros	15					······	တ	Soils Sa	Sample Analysis	nalysis		10	C)
		Contact		Ms B Thompson	трѕоп							Соп	Combined Report	ort	***************************************		
m	STOTI Burton-on-Trent, Staffordshire, DE15 0XD										Date Printed	ted		11 June	ne 2004		<u> </u>
					l ackenhy		Area 8				Report Number	umber				)    - 	A S
	Fax +44 (0) 1283 554422				ころ					1	Table Number	mber			-	1252	7
											Page Number	nber			3 of 3		

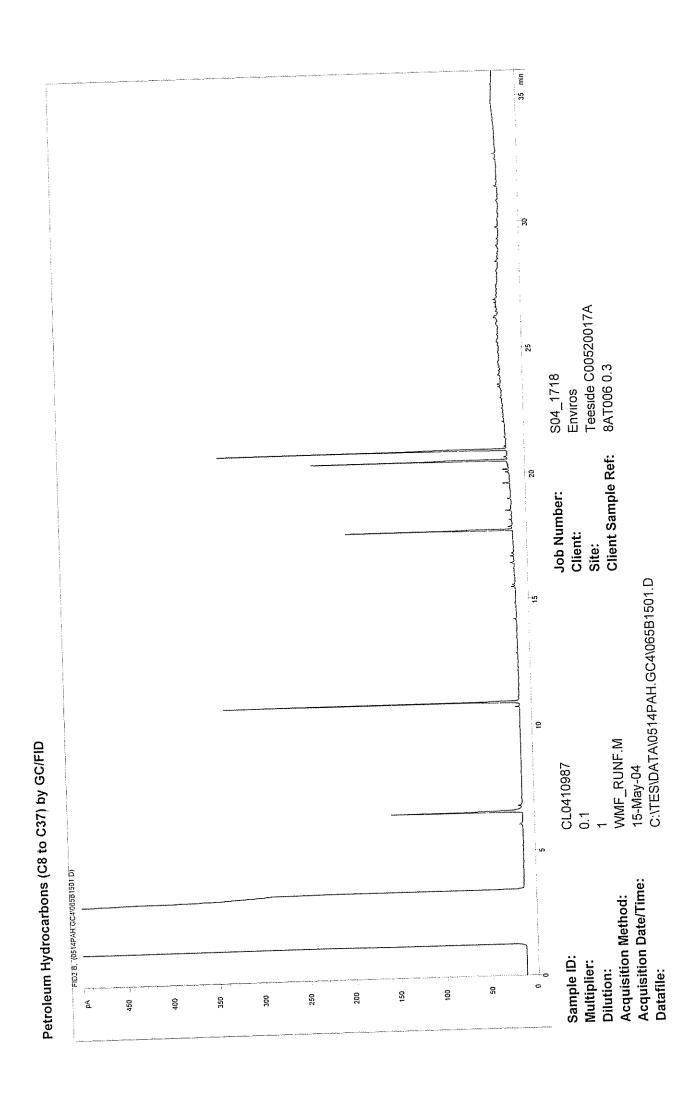


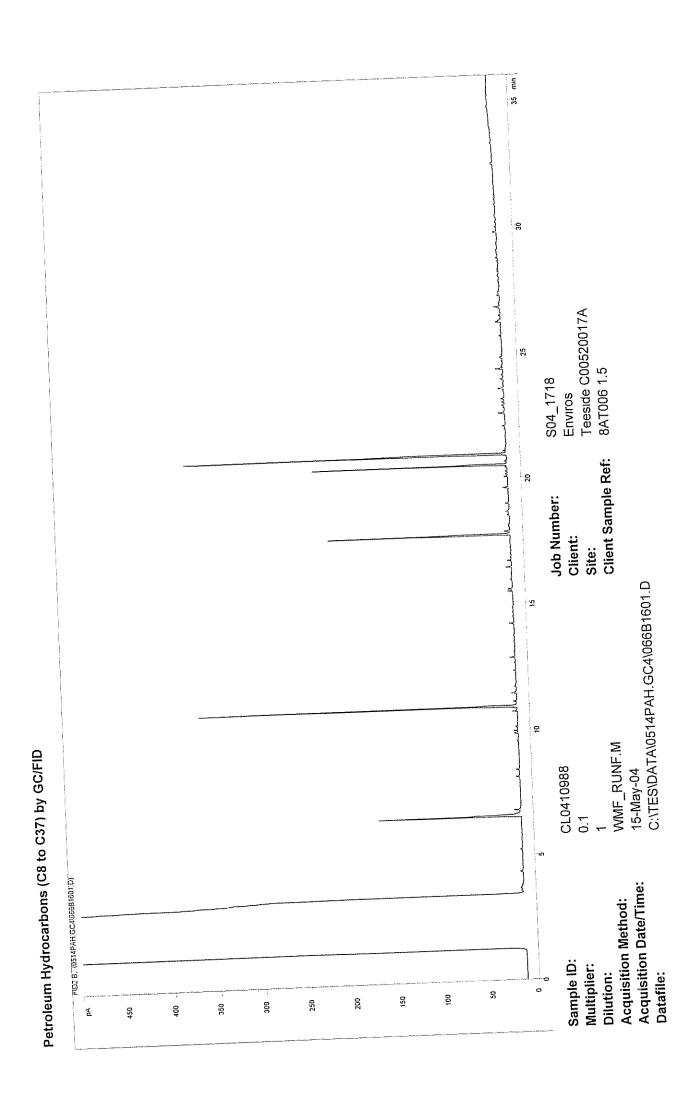


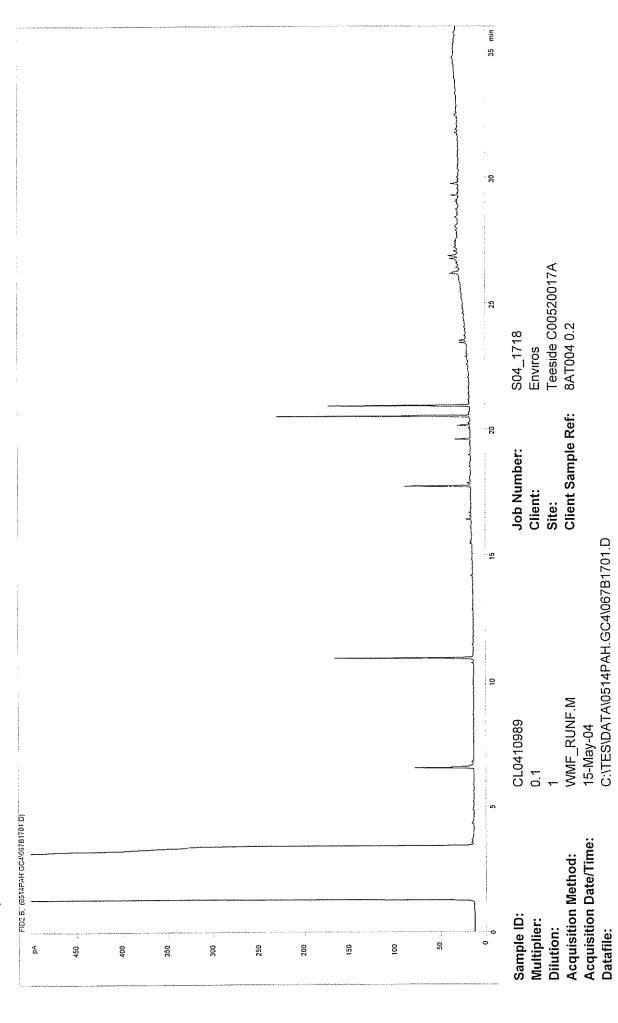




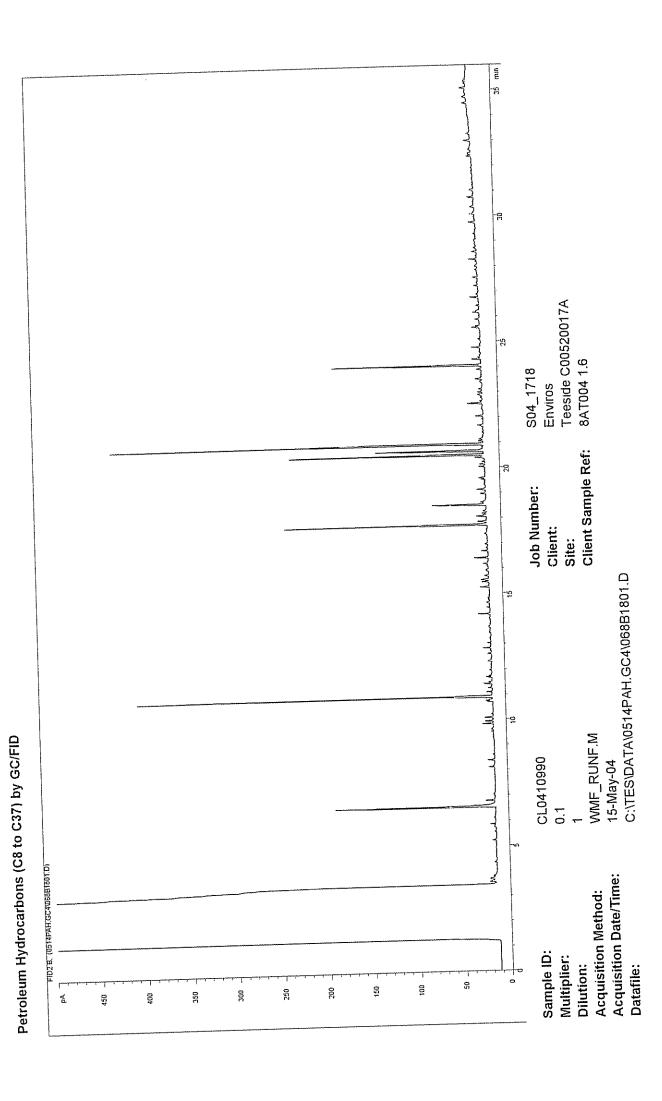
Petroleum Hydrocarbons (C8 to C37) by GC/FID

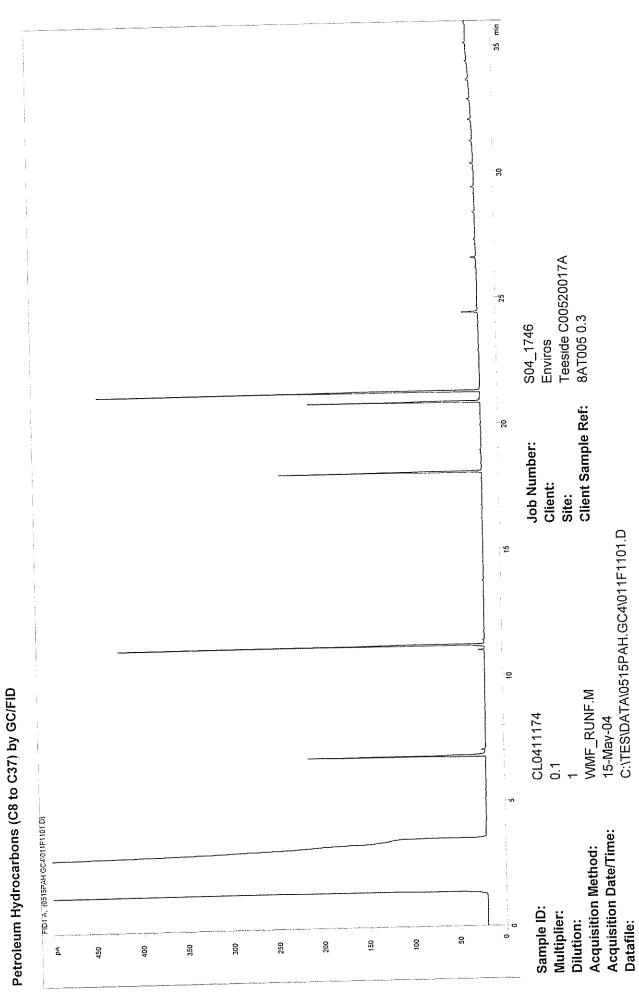


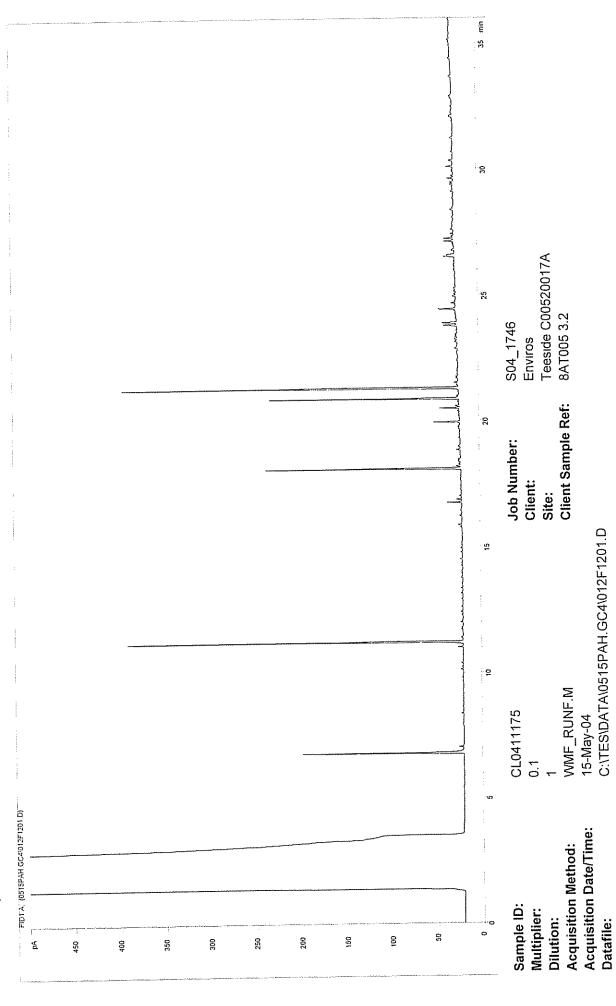




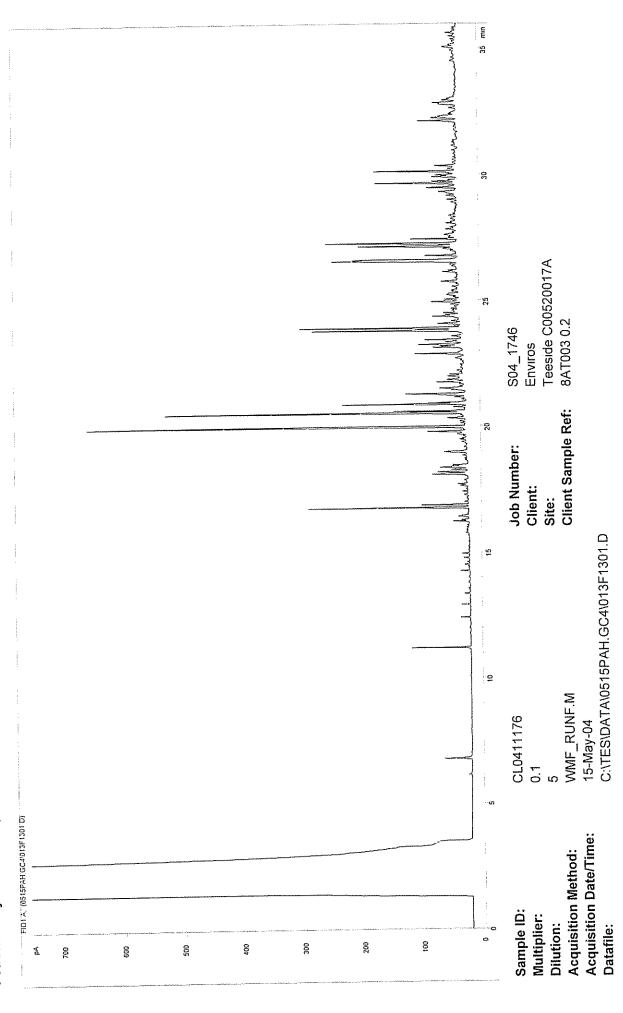
Petroleum Hydrocarbons (C8 to C37) by GC/FID



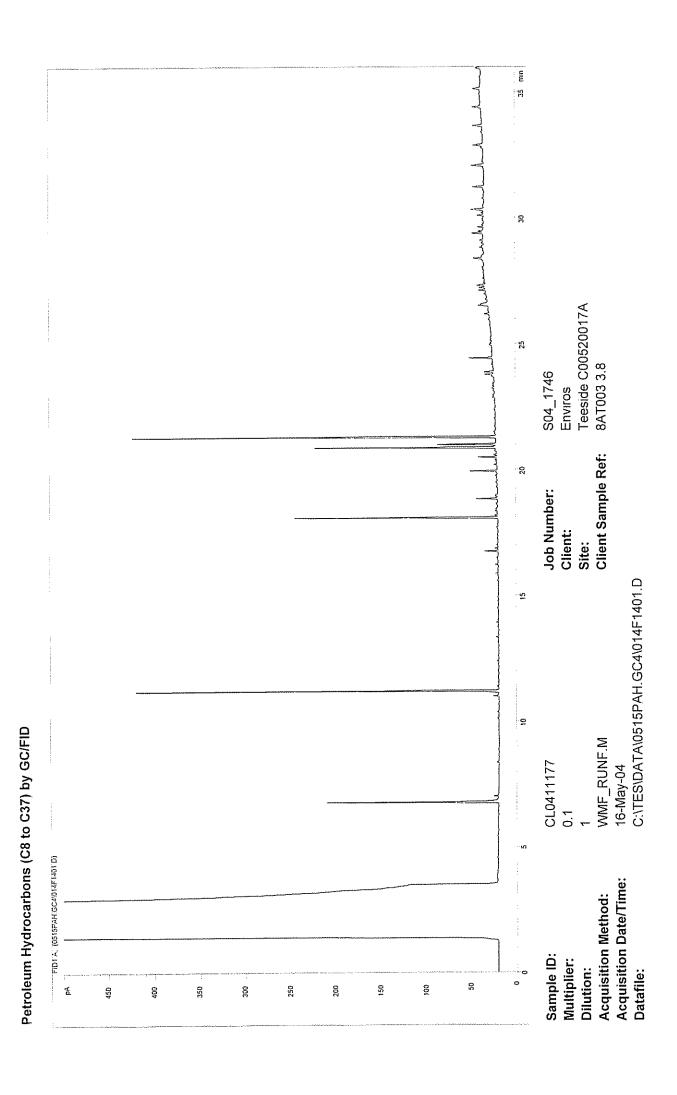


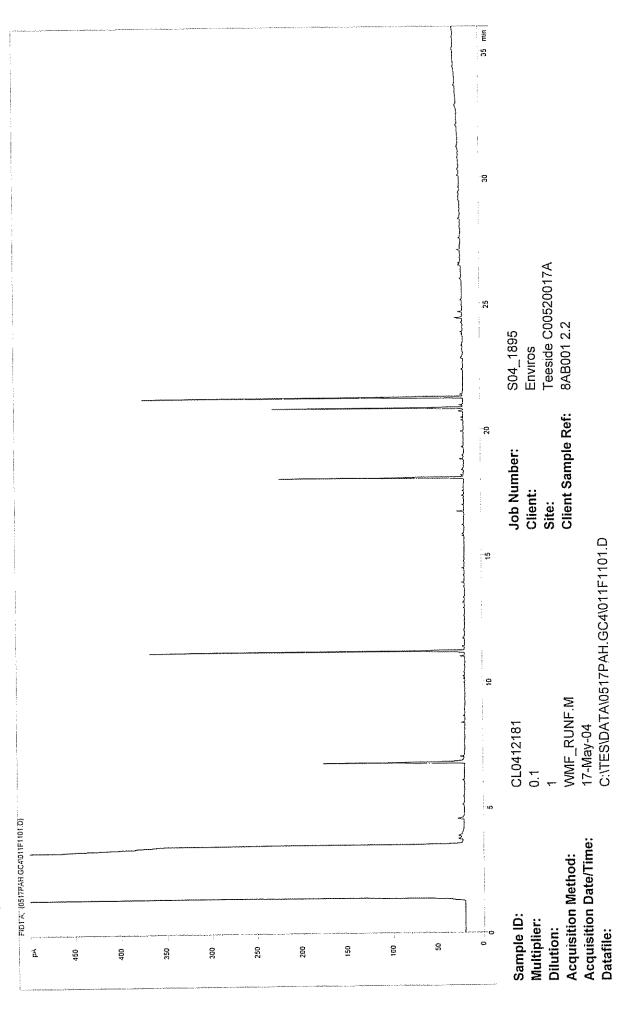


Petroleum Hydrocarbons (C8 to C37) by GC/FID

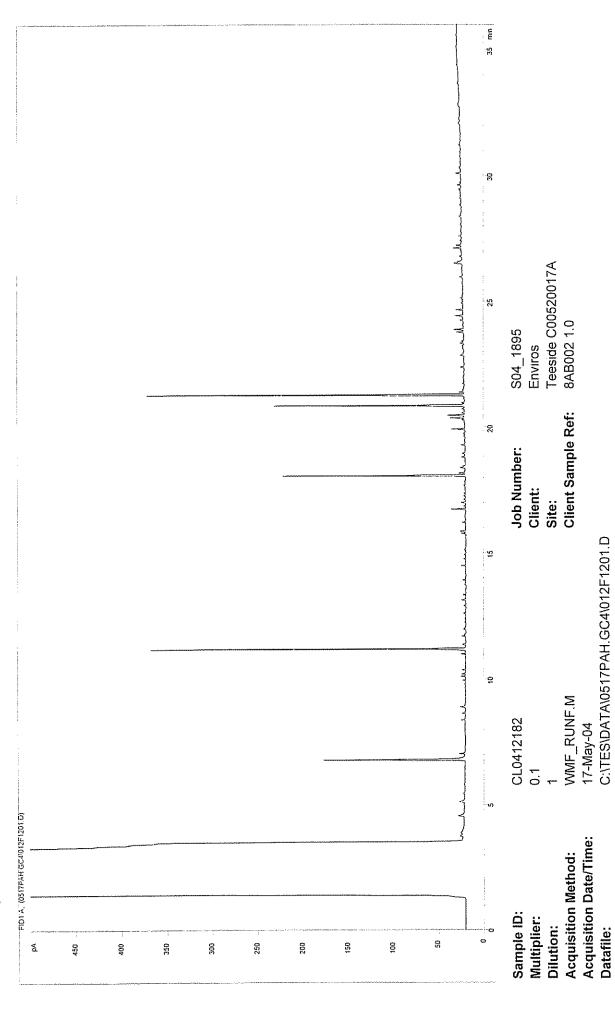


Petroleum Hydrocarbons (C8 to C37) by GC/FID

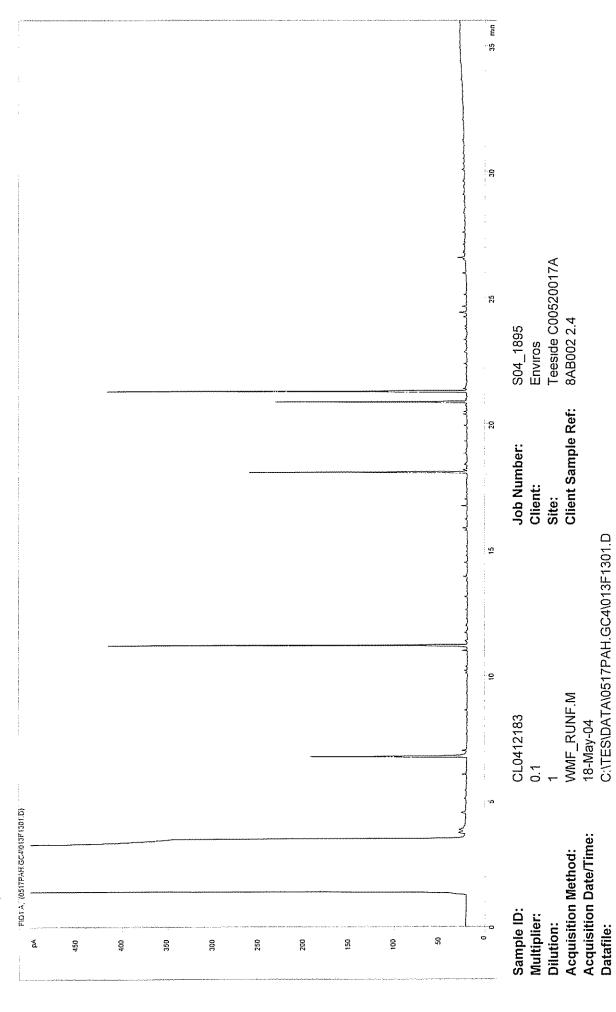




Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



Date of assessment : 20-May-04	Assessor: J McEwan	Test type : TPH GCFID	ID Interpretation	2.2 Lean extract, insufficient for ID.	1.0 Trace PAHs. Lean extract, insufficient for ID.	2.4 Lean extract, insufficient for ID.	0.3 UCM in the range nC14-nC37+. Trace of PAHs.	1.2 Lean extract, insufficient for ID.	0.2 UCM in the range nC14-nC37+. Large presence of PAHs.	4.0 UCM in the range nC14-nC37+. Some unidentified fine structure.	0.2 UCM in the range nC14-nC37+. Large presence of PAHs. May by coal tar.	3.8 Trace of PAHs. Some low level laboratory introduced contamination.
Enviros	Lackenby Area 8		Client ID	8AB001 2.2 Lean extract,	8AB002 1.0 Trace PAHs. I	8AB002 2.4 Lean extract,	8AT001 0.3 UCM in the ra	8AT001 1.2 Lean extract,	8AT002 0.2 UCM in the ra	8AT002 4.0 UCM in the ra	8AT003 0.2 UCM in the ra	8AT003 3.8 Trace of PAH
Client :	Site :	Report Number:	Lab ID Number	CL0412181	CL0412182	CL0412183	CL0410985	CL0410986	CL0410983	CL0410984	CL0411176	CL0411177

G.C. Risdon

Authorised by: 1 Down G.C. KISGO. Associate Director, Environmental Analysis



Client :	Enviros		Date of assessment	20-May-04
Site	Lackenby Area 8	**************************************	Assessor	J McEwan
Report Number:			Test type :	TPH GCFID
Lab ID Number	Client ID		Interpretation	
CL0410989	8AT004 0.2	Mineral Oil style UCM in the rang	ge nC18-nC37+, n-Alkane trace inc	Mineral Oil style UCM in the range nC18-nC37+, n-Alkane trace including pristane/phytane. Trace of PAHs.
CL0410990	8AT004 1.6	UCM in the range nC14-nC37+. §	in the range nC14-nC37+. Some unidentified fine structure.	
CL0411174	8AT005 0.3	Lean extract, insufficient for ID.		
CL0411175	8AT005 3.2	Low level UCM in the range nC14-nC37+. Trace of PAHs.	4-nC37+ Trace of PAHs.	
CL0410987	8AT006 0.3	Mineral Oil style UCM in the rang	Mineral Oil style UCM in the range nC18-nC37+, n-Alkane trace including pristane/phytane.	cluding pristane/phytane.
CL0410988	8AT006 1.5	Low level UCM in the range nC1.	4-nC37+, n-Alkane trace including	Low level UCM in the range nC14-nC37+. n-Alkane trace including pristane/phytane. Trace of PAHs.
Ruthorised by :	G.C. Risde Associate Director, Environmental Analysis	G.C. Risdon af Analysis		
	Variation and the second and the sec			

TES Bretby

## **Report Notes**

### Soil/Solid analysis specific:

Results expressed as mg/kg unless stated otherwise S04 analysis not conducted in accordance with BS1377 Water Soluble Sulphate on 2:1 water:soil extract AR denotes analysis conducted on the As Received sample # co-eluted with benzo(b)fluoranthene ## co-eluted with Indeno(123-cd)pyrene BTEX analysis expressed as ug/kg As Received Phenol HPLC results expressed as mg/kg As Received

## Water analysis specific:

Results expressed as mg/l unless stated otherwise

### Oil analysis specific:

Results expressed as mg/kg unless stated otherwise S.G. expressed as g/cm³@ 15°C

### Filter analysis specific:

Results expressed as mg on filter unless stated otherwise

### VOC analysis specific:

Explanatory notes for data flagging U = undetected above reporting limit

J = concentration at instrument was below lowest calibration standard

E = concentration at instrument was above top calibration standard

B = compound was detected in method blank

## Gas (Tedlar bag) analysis specific:

Results expressed as ug/l unless stated otherwise

## Air (Carbon tube) analysis specific:

Results expressed as ug on tube unless stated otherwise

## Asbestos analysis specific:

CH denotes Chrysotile

**CR** denotes Crocidolite

AM denotes Amosite

NADIS denotes No Asbestos Detected in Sample

NBFO denotes No Bulk fibres Observed

T Trace

L Low (2-15%)

M Medium (15-50%)

H High (>50%)

## General notes:

this analysis was subcontracted to another laboratory

\$ Within laboratory tolerances

\$\$ unable to analyse due to nature of sample

¥ Results for guidance only, possible interference

& Blank corrected

I.S insufficient sample for analysis

Intf Unable to analyse due to interferences

N.D Not determined

N.R Not recorded

N.Det Not detected

Reg Analysis Requested, see attached sheets for results

\* denotes this result not UKAS accredited on this sample

▶ Raised detection limit due to nature of sample



## TEST REPORT SOIL SAMPLE ANALYSIS



1252

## Combined Report TES Report No. Lackenby Area G

Site: Lackenby Area G

Enviros Sanderson House Station Road Horsforth Leeds LS18 5NT

The 11 samples described in this report were scheduled for analysis by TES Bretby between 28/04/04 and 07/05/04. The analysis was completed by Friday, 11 June 2004.

Tests marked as 'not UKAS accredited' and any opinions or interpretations expressed herein are outside the scope of any UKAS accreditation held by TES Bretby laboratories.

The following tables are contained in this report:

Table 1 Main Analysis Results Tables of TPH Chromatograms (11 Pages) Tables of TPH Interpretations (2 Pages) Table of Report Notes (1 Page)

On behalf of TES Bretby : .

J Hannah

Project Co-ordinator

Date of Issue: 11/06/04

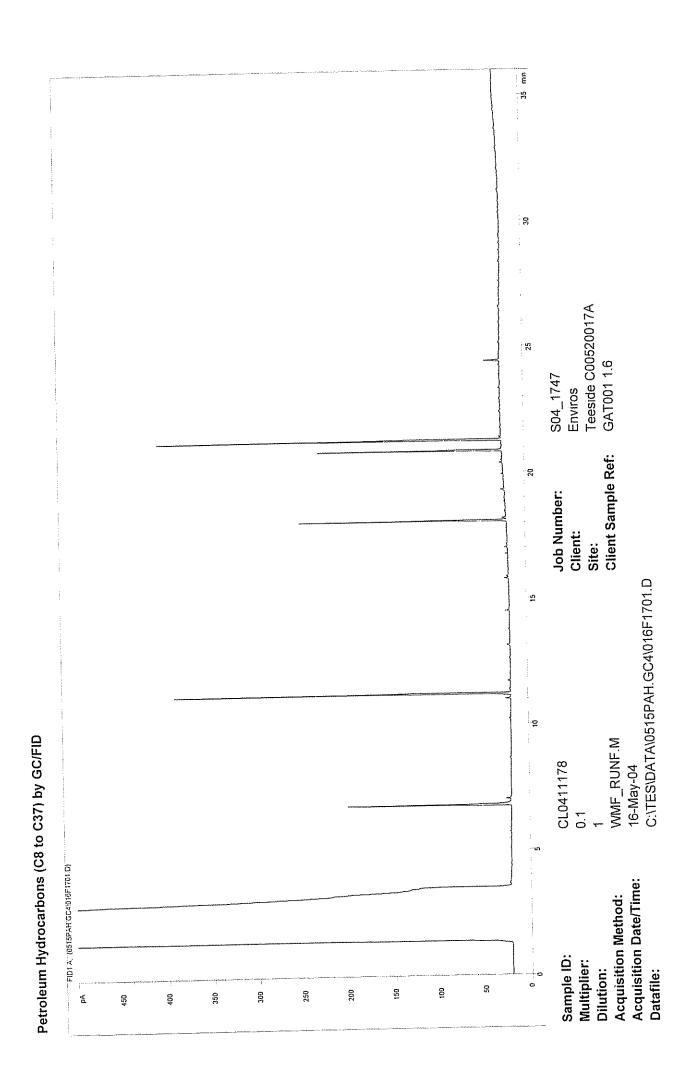
Tests marked 'not UKAS accredited' in this report are not included in the UKAS Accreditation Schedule for our laboratory.

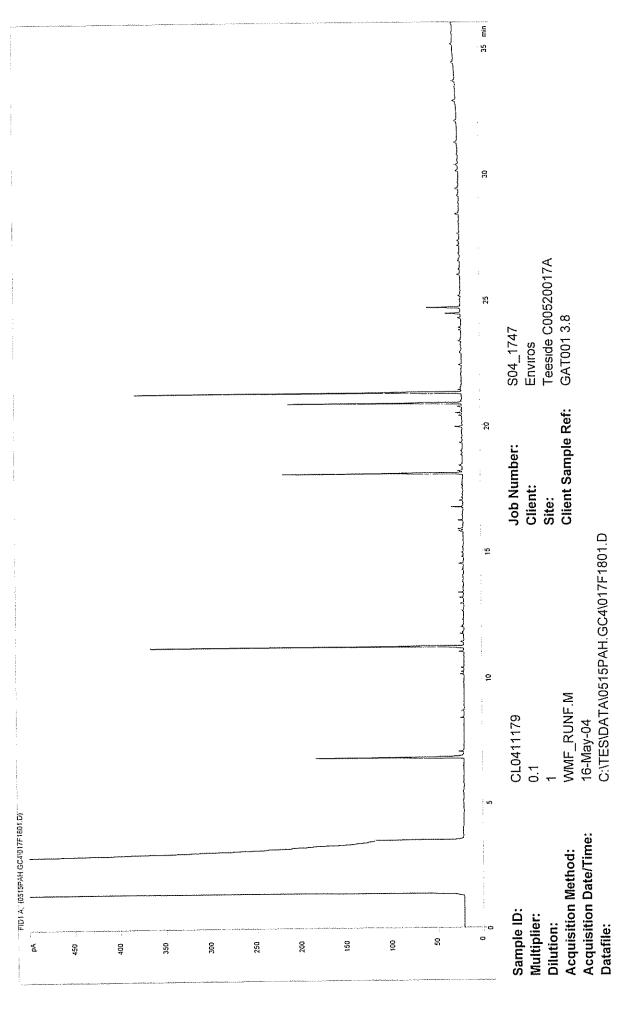
TES Bretby accepts no responsibility for the sampling related to the above results

	ID WSLM3		yes		7.8	11.4	0.6	12.8	3 9.0	0 7.9	0 8.3	5 10.3	.0 7.9	6 10.4	5 8.5						<b>B</b>	( )		UKAS	
mg/kg		10.0	yes	TPH GCFID (AR)	16	81	31	51	28	22	<10.0	685	<10.0	506	26							lmm	<b>4</b> +		
mg/kg	ICISCNZ	5	yes	Sulphide	\$	290	7	<5	\$	#	<5	39	<5	906	<5						 <u>:S</u>		11 June 2004		
mg/kg	ICTSCN28		yes	CN- (total)	₽	۲	⊽	7	⊽	₹	٧	₽	<1	<1	۲>			 			 Analys	port	11,		
l/gm	- 1	0.1	yes	SO4 (H2O sol) mg/l	231	559	390	540	504	347	142	642	254	1410	756						Sample Analysis	Combined Report			
mg/kg	ICPMSS	3.0	yes	Zinc (MS)	100.7	483.9	119.3	530.2	47	50.5	36.6	52.4	66.4	239.7	86.1						Soils S	ပိ	nted	umber	
mg/kg	ICPMSS	0.5	yes	Selenium (MS)	0.88	1.53	0.92	1.55	0.68	<0.50	<0.50	0.97	<0.50	3.24	0.65			***************************************		***************************************			Date Printed	Report Number	
mg/kg	ICPMSS	0.5	yes	Nickel (MS)	22.2	31.2	27	52.7	26	14.40	19.7	22.3	17.3	12.80	29.9			***************************************	***************************************	***************************************					
mg/kg	ICPMSS	0.10	ves	Mercury (MS)	<0.10	0.20	<0.10	0.16	<0.10	<0.01	<0.01	<0.01	<0.01	0.22	<0.10										
mg/kg	ICPMSS	0.5	yes	Lead (MS)	27.6	120.4	29.9	138	14.60	37.9	14.10	24.5	24.1	86.7	44.1					***************************************				(	n
mg/kg	ICPMSS	0.5	yes	Copper (MS)	10.20	27	16.2	59.2	14.40	8.00	11.00	34.6	9.00	16.6	18									A 200	
mg/kg	ICPMSS	0.5	yes	Chromlum (MS)	30.4	451	63.7	3350	26.2	16.3	17.5	36.1	22	167.4	22.9										
mg/kg	ICPMSS	0.1	yes	Cadmium (MS)	0.27	2.06	0.31	2.42	0,16	<0.10	<0.10	0.15	0.14	1.26	0.35						(A)	nosduc		i ookooli	
mg/kg	ICPMSS	0.5	sex	Arsenic (MS)	9.20	14.30	6.80	14.50	6.80	8.90	9.10	11.80	10.30	9.40	7.10						Enviros	Ms B Thompson			
mg/kg	GROHSA	0.2	yes	GRO	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2						 lame	فستون			
mg/kg	BGCN22	*	yes	Cyanide (Free)	₹	⊽	۲	٧	⊽	⊽	٧	⊽	7	٧	⊽						Client Name	Contact			
Units:	Method Codes :	Detection Limits :	UKAS Accredited:	Client Sample Description	GAB001 2.0	GAB002 1.0	GAB002 5.0	GAT001 1.6	GAT001 3.8	GAT002 2.3	GAT002 3.8	GAT004 0.5	GAT004 3.8	GAT005 1.0	GAT005 4.2				The state of the s	**************************************	TES Brothy		/ Burton-on-Trent, Staffordshire, DE15 0XD	Tel +44 (0) 1283 554400	
				TES ID Number CU	0412187	0411379	0411380	0411178	0411179	0411570	0411569	0411571	0411572	0411180	0411181						TES		Brethv		

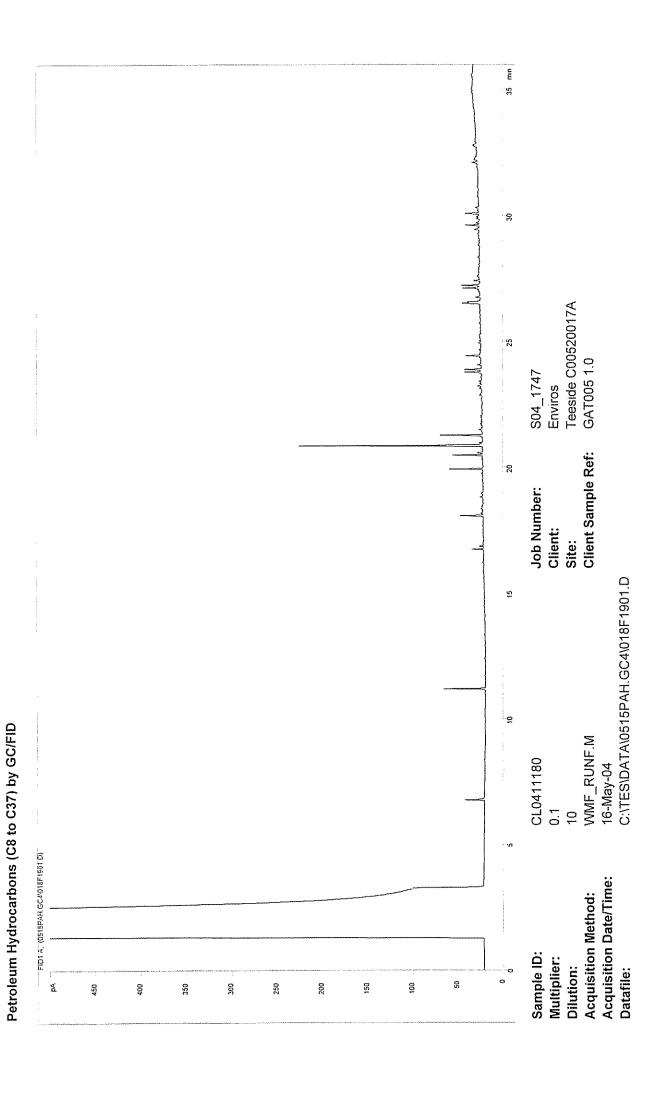
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													**************************************								Analysis	leport	11 June 2004		-	2 of 3
							WW.										-				Soils Sample Analysis	Combined Report	Date Printed	Report Number	Table Number	Page Number
ng/kg	EXHSA	20	ves	Xylenes	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20*									<u> </u>		
ug/kg	BIEXHSA	10	yes	Ethyl Benzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10.									S coap Aroac	ם מטון	
ug/kg		10	ves	Toluene	<10	410	240	410	<10	95	<10	<10	<10	<10	<10.									ydao	, Kelloy	
g ug/kg		_	sak	Benzene	5 <10	01>	2 <10	5 <10	01> <10	2 <10	5 <10	2 <10	1 <10	2 <10	3 <10.						Enviros	Ms B Thompson		700	7 2	
mg/kg mg/kg	-	_		Boron. Sulphur (total)	900 006	5800 1.4	6600 0.5	4500 <0.5	2800 1.0	600 0.7	<400 <0.5	3100 0.5	600 1,1	4100 1.2	1300 1.3				, i			MsB				
mg/kg r	-	0.5	yes	Phenol Index	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5						Client Name	Contact				
	- 1		1 1	Client Sample Description	GAB001 2.0	GAB002 1.0	GAB002 5.0	GAT001 1.6	GAT001 3.8	GAT002 2.3	GAT002 3.8	GAT004 0.5	GAT004 3.8	GAT005 1.0	GAT005 4.2						S TES Brethy		Burton-on-Treal, Staffordshire, DE15 0XD	Tel +44 (0) 1283 554400	Fax +44 (0) 1283 554422	***************************************
				TES ID Number CL/	0412187	0411379	0411380	0411178	0411179	0411570	0411569	0411571	0411572	0411180	0411181						SJL		Brethy			

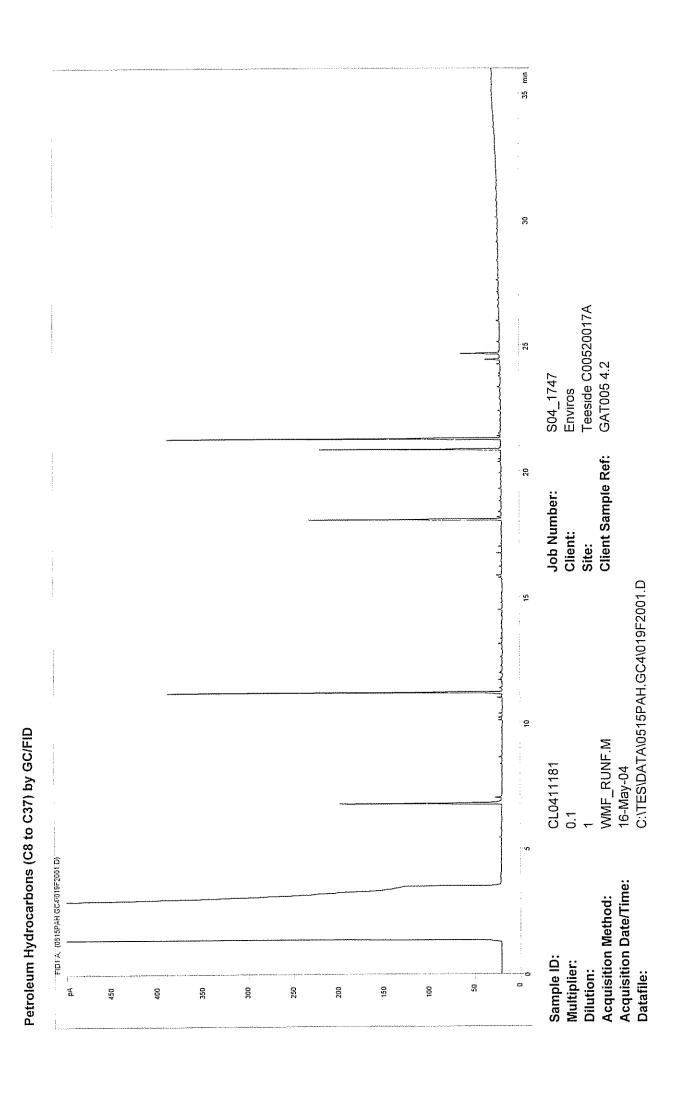
	: \$\frac{1}{2}u	ma/kn	molko	ma/ka	mn/kn	maika	malka	mu/kn	04/000	ma/km	1 04/00	1979 m	- Cally Car	-	in the second	-	2000
	Method Codes:	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHEID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID	PAHFID
	Detection Limits :			,		-	,-		-	-	_	_	-	$\vdash$	-	├-	-
	UKAS Accredited:	yes	yes	yes	yes	ves	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
TES ID Number CLJ	Client Sample Description	Naphthalene (AR)	Acenaphthylene (AR)	Acenaphthene (AR)	Fluorene (AR)	Phenanthrene (AR)	Anthracene (AR)	Fluoranthene (AR)	Pyrene (AR)	Benzo(a)anthracene (AR)	Chrysene (AR)	Benzo(b)fluoranthene (AR)	Benzo(k)fluoranthene (AR)	Benzo(a)pyrene (AR)	Indeno(123-cd)pyrene (AR)	Dibenzo(ah)anthracene (AR)	Benzo(ghi)perylene (AR)
0412187	GAB001 2.0	₹	٧	⊽	٧	₽	۷	₽	٧	₽	₽	⊽	⊽	₽	₽	⊽	٧
0411379	GAB002 1.0	₹	۷	₽	₽.	۷	<b>*</b>	7	⊽	۶	₹	V	7	⊽	₹	\\	⊽
0411380	GAB002 5.0	۲	⊽	⊽	⊽	⊽	⊽	⊽	۲-	⊽	۲	7	₽	₹	₽	₹	⊽
0411178	GAT001 1.6	۲	٧	<1	7	۲۶	₽	⊽	٧	⊽	⊽	⊽	⊽	⊽	⊽	₽	₽
0411179	GAT001 3.8	⊽	₽	⊽	⊽	⊽	₽	∇	\ \ \ \	⊽	V	₽	₽	₹	₽	\ \ \	V
0411570	GAT002 2.3	٧	٧	٧	⊽	₹	٧	٧		V	₽	₽	5	₹	₽	₽	۲۷
0411569	GAT002 3.8	٧	<1	<1	۷	<4	۲	₽	₽	₽	₽	⊽	₹	12	₽	⊽	₽
0411571	GAT004 0.5	₹	က	<b>,</b>	3	23	6	33	22	15	14	#	5	12	9	2	9
0411572	GAT004 3.8	۲	⊽	⊽	₽	⊽	<1	۷	₽	₽	>	₹	⊽	₹	₽	₽	₹
0411180	GAT005 1.0	<2	\$	42	<2	2	23	8	2	S	5	£	4	5	4	<2	4
0411181	GAT005 4.2	⊽		⊽	₹	₽	7	4	۲	₽	⊽	\ \ \ \	₹	₹	⊽	⊽	₽
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TES	TES Brethy	Client Name	lame	Enviros	un.						Ø	Soils Sa	mple A	Sample Analysis		*3	(°)
		Contact		Ms B Thompson	mpson							Con	Combined Report	ort			ااارا د ک
Bretby		******									Date Printed	ted		11 June	ine 2004	•	Σ\ 
		······································			l ackenhy	nhv A	Area G			<del>l</del>	Report Number	nmber				⊃. ⊼	SAS
	Fax +44 (0) 1283 554422					T K CHILL				1.	Table Number	mber			***	1252	2
											Page Number	nber			3 of 3		

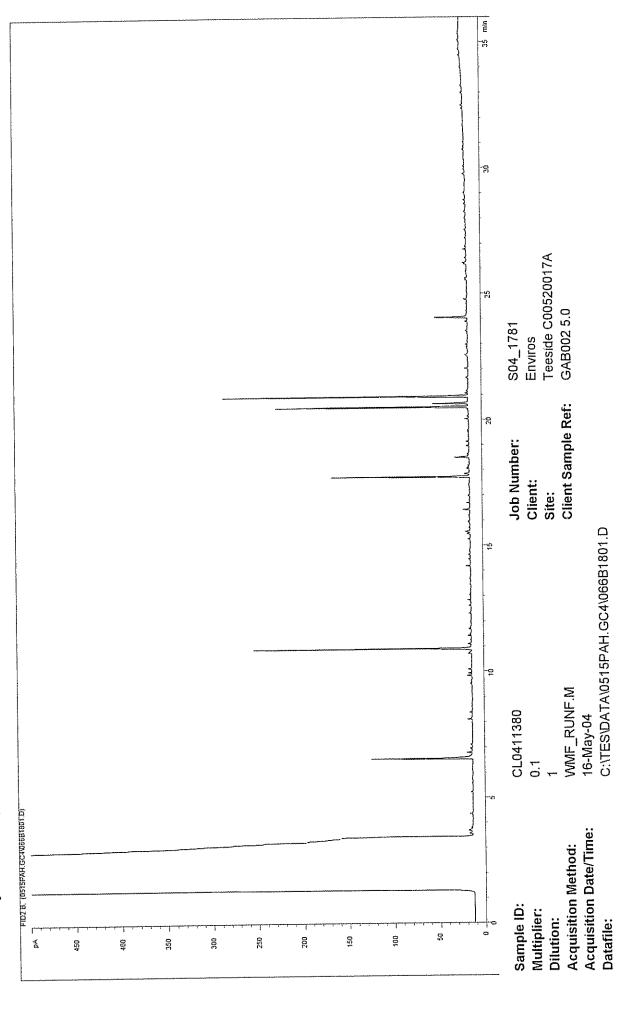




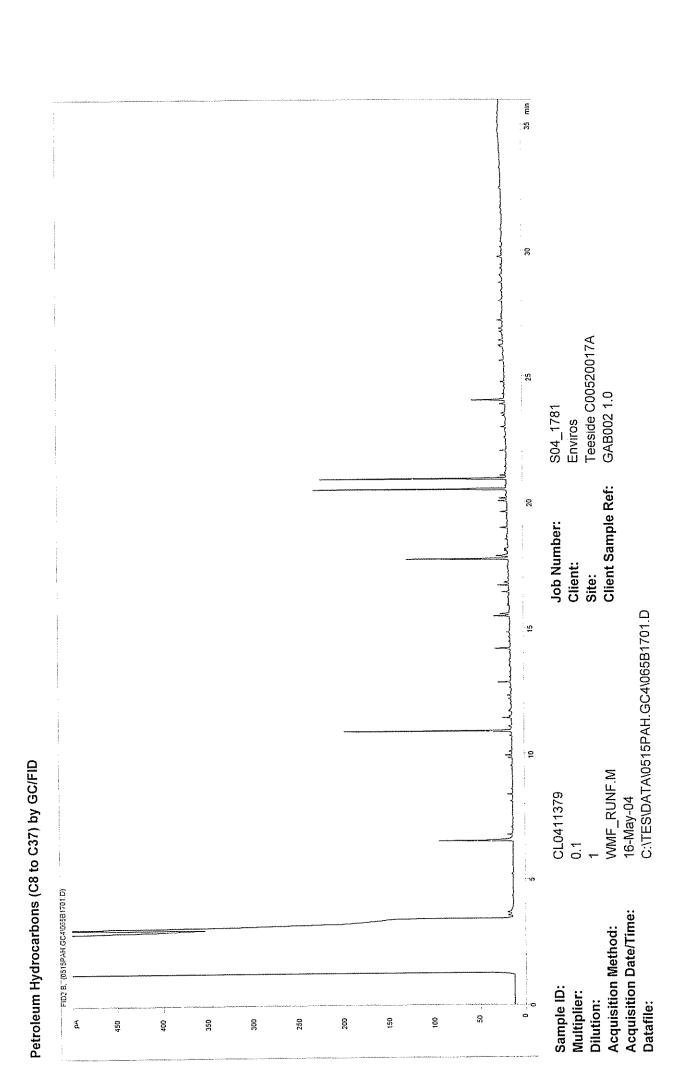
Petroleum Hydrocarbons (C8 to C37) by GC/FID

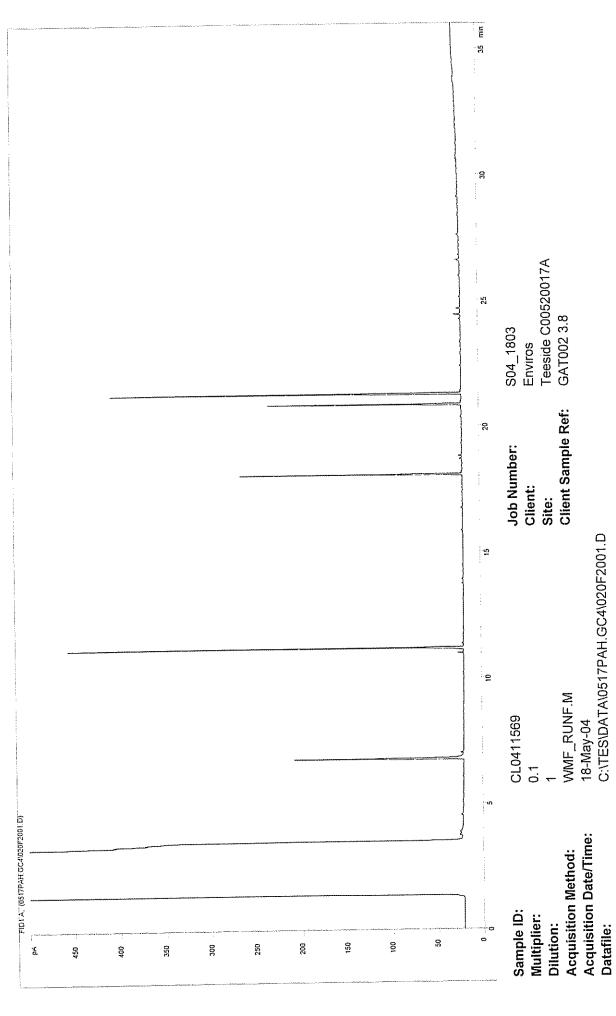




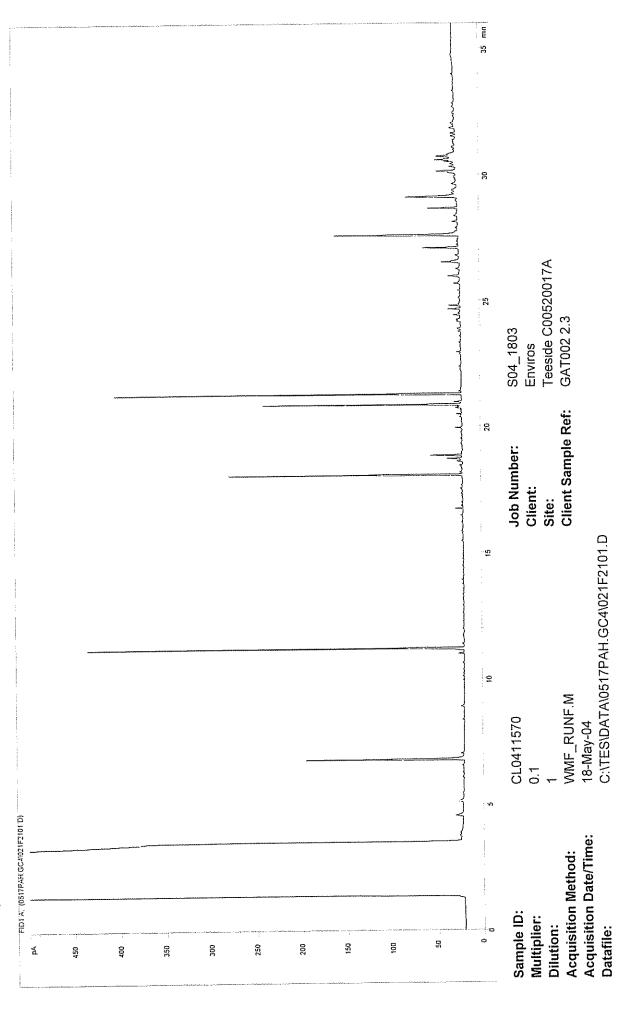


Petroleum Hydrocarbons (C8 to C37) by GC/FID

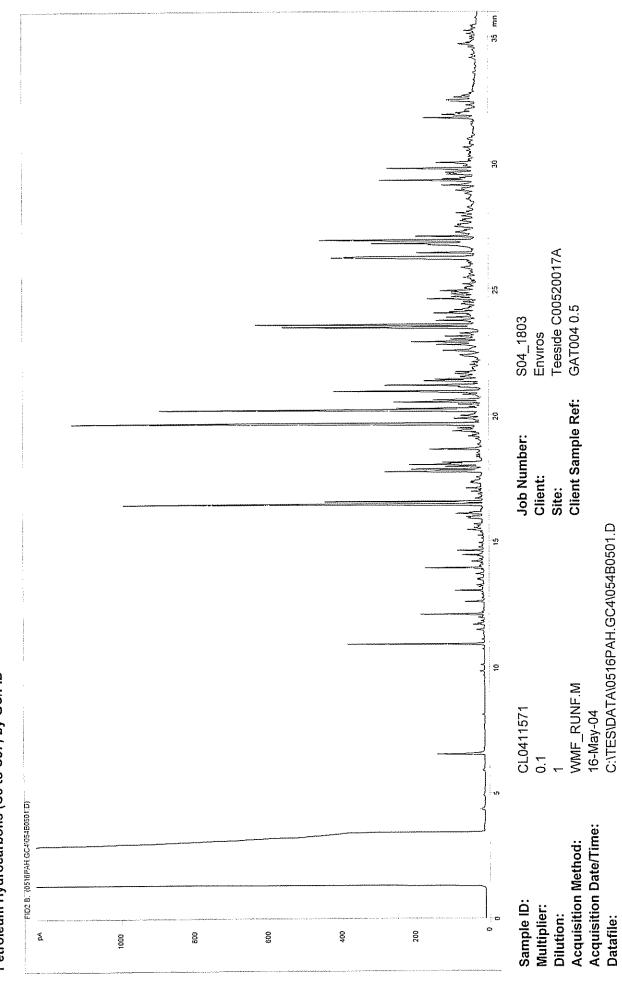




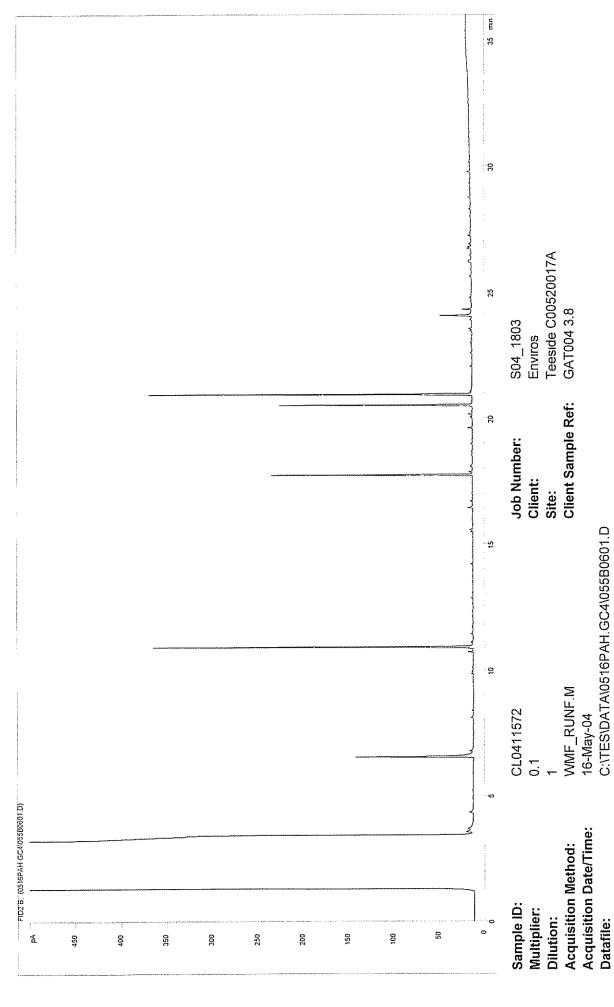
Petroleum Hydrocarbons (C8 to C37) by GC/FID



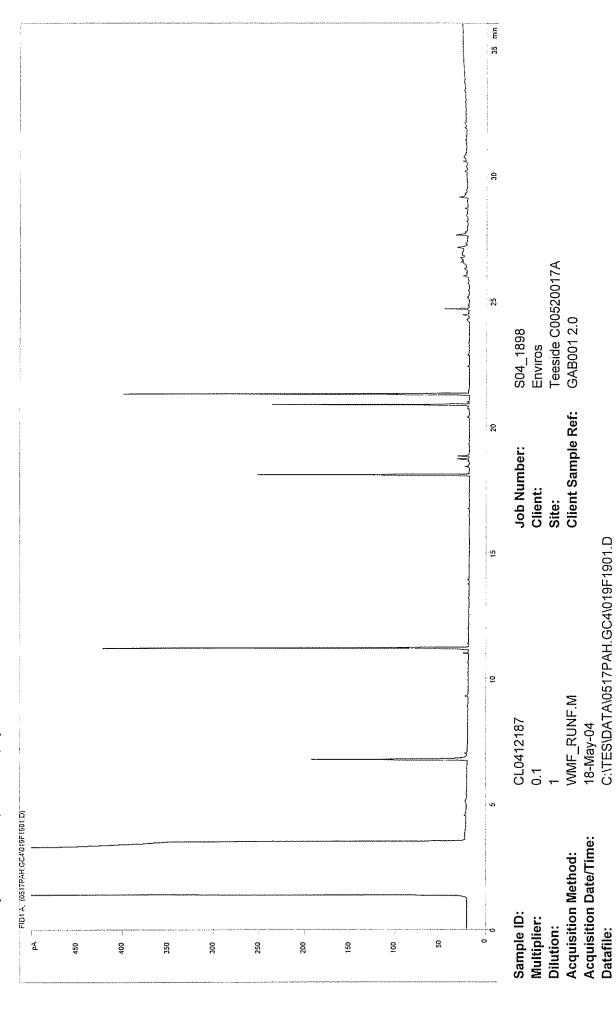
Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



Petroleum Hydrocarbons (C8 to C37) by GC/FID



# Interpretation of GC/FID Chromatographic data produced during DRO, PAH or TPH test.

Client	Enviros		Date of assessment	20-May-04	
Site	Lackenby Area G		Assessor:	J McEwan	1
Report Number			Test type	TPH GCFID	T
Lab ID Number	Client ID		Interpretation		ı <sub>(</sub>
CL0412187	GAB001 2.0	Lean extract, insufficient for ID.			
CL0411380	GAB002 1.0	Low level UCM in the range nC1	14-nC37+, n-Alkane trace includin	UCM in the range nC14-nC37+, n-Alkane trace including pristane/phytane. Trace of PAHs.	1
CL0411379	GAB002 5.0	Low level UCM in the range nC1	14-nC37+, n-Alkane trace including	UCM in the range nC14-nC37+. n-Alkane trace including pristane/phytane. Trace of PAHs.	
CL041178	GAT001 1.6	UCM in the range nC14-nC37+.	UCM in the range nC14-nC37+, n-Alkane trace including pristane/phytane.	phytane.	1
CL0411179	GAT001 3.8	Low level UCM in the range nC1 pristane/phytane.	14-nC37+. Some unidentified fine	UCM in the range nC14-nC37+. Some unidentified fine structure. n-Alkane trace including hytane.	
CL0411570	GAT002 2.3	Lean extract, insufficient for ID.			-T
CL0411569	GAT002 3.8	Lean extract, insufficient for ID.			
P. A. thousand by					<b>~</b>

Authorised by:

G.C. Risdon

G.C. Risdo Associate Director, Environmental Analysis



# Interpretation of GC/FID Chromatographic data produced during DRO, PAH or TPH test.

Client :	Enviros		Date of assessment:	20-May-04
Site	Lackenby Area G		Assessor	J McEwan
Report Number			Test type	TPH GCFID
Lab ID Number	Client ID		Interpretation	
CL0411571	GAT004 0.5	Large presence of PAHs.		
CL0411572	GAT004 3.8	Lean extract, insufficient for ID.		
CL0411180	GAT005 1.0	UCM in the range nC14-nC37+. Large presence of PAHs.	Large presence of PAHs.	
CL0411181	GAT005 4.2	Low level UCM in the range nC1 pristane/phytane.	UCM in the range nC14-nC37+, Some unidentified fine structure. n-Alkane trace including ohytane.	structure. n-Alkane trace including
স্মৈuthorised by :	G.C. Risa Associate Director, Environmental Analysis	G.C. Risdon tal Analysis		

# **Report Notes**

### Soil/Solid analysis specific:

Results expressed as mg/kg unless stated otherwise S04 analysis not conducted in accordance with BS1377 Water Soluble Sulphate on 2:1 water:soil extract AR denotes analysis conducted on the As Received sample # co-eluted with benzo(b)fluoranthene ### co-eluted with Indeno(123-cd)pyrene BTEX analysis expressed as ug/kg As Received Phenol HPLC results expressed as mg/kg As Received

## Water analysis specific:

Results expressed as mg/l unless stated otherwise

### Oil analysis specific:

Results expressed as mg/kg unless stated otherwise S G expressed as g/cm³@ 15°C

### Filter analysis specific:

Results expressed as mg on filter unless stated otherwise

### VOC analysis specific:

Explanatory notes for data flagging **U** = undetected above reporting limit

 ${f J}$  = concentration at instrument was below lowest calibration standard

E = concentration at instrument was above top calibration standard

B = compound was detected in method blank

### Gas (Tedlar bag) analysis specific:

Results expressed as ug/l unless stated otherwise

### Air (Carbon tube) analysis specific:

Results expressed as ug on tube unless stated otherwise

## Asbestos analysis specific:

CH denotes Chrysotile CR denotes Crocidolite AM denotes Amosite

NADIS denotes No Asbestos Detected in Sample

NBFO denotes No Bulk fibres Observed

T Trace

L Low (2-15%)

M Medium (15-50%)

H High (>50%)

### General notes:

^ this analysis was subcontracted to another laboratory

\$ Within laboratory tolerances

\$\$ unable to analyse due to nature of sample

¥ Results for guidance only, possible interference

& Blank corrected

I.S insufficient sample for analysis

Intf Unable to analyse due to interferences

N.D Not determined

N.R Not recorded

N.Det Not detected

Reg Analysis Requested, see attached sheets for results

\* denotes this result not UKAS accredited on this sample

P Raised detection limit due to nature of sample