

GENERAL	DEC 21 1998 <i>Approved</i>	Meter: <u>75424</u> Location: <u>STATE GAS COM</u> RECEIVED JUL 2 1998
	Operator #: <u>0203</u> Operator Name: <u>AMOCO</u> P/L District: <u>KUTZ</u>	
	Coordinates: Letter: <u>E</u> Section <u>16</u> Township: <u>30</u> Range: <u>13</u>	
	Or Latitude _____ Longitude _____	
SITE ASSESSMENT	Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____	
	Site Visit Date: <u>4.6.94</u> Run: <u>02</u> <u>31</u>	
	NMOCD Zone: Inside _____ Land Type: BLM ☐	
	(From NMOCD Maps) Vulnerable Zone ☒ Outside ☐	
	State ☒ Fee ☐ Indian _____	
	Depth to Groundwater	
	Less Than 50 Feet (20 points) ☐	
	50 Ft to 99 Ft (10 points) ☒	
	Greater Than 100 Ft (0 points) ☐	
	Wellhead Protection Area :	
Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ YES (20 points) ☒ NO (0 points)		
Horizontal Distance to Surface Water Body		
Less Than 200 Ft (20 points) ☐		
200 Ft to 1000 Ft (10 points) ☐		
Greater Than 1000 Ft (0 points) ☒		
Name of Surface Water Body _____		
(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)		
TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS		
REMARKS	Remarks : <u>NO EL PASO PITS ON THIS LOCATION.</u> <u>TOOK PICTURES AT 2:15 P.M. THERE WAS A PIT THAT</u> <u>HAS ALREADY BEEN CLOSED.</u>	

ORIGINAL PIT LOCATION

A circle with a crosshair inside, centered on a white background. The crosshair consists of a horizontal line and a vertical line intersecting at the center of the circle. The lines extend slightly beyond the circle's boundary.

REMARKS

led By: Det. Sampson
Signature

4.6.94
Date

PHASE I EXCAVATION

LOCATION PIT CLOSURE FORM

GENERAL

Meter: 25424 Location: STATE GC BI #1
 Operator #: 0203 Operator Name: AMOCO P/L District: KUTZ
 Coordinates: Letter: F Section 16 Township: 30 Range: 13
 Pit Type: Dehydrator X Location Drip: Line Drip: Other:
 Date Started: 11-10-93 Run: 02 31

SITE ASSESSMENT

NMOCD Zone: Original ☒
 (From NMOCD Expanded ☐
 Maps) Outside ☐

Land Type: BLM ☐
 State ☒
 Fee ☐
 Indian

Depth to Groundwater

Less Than 50 Ft (20 points) ☐
 50 Ft to 99 Ft (10 points) ☒ C.L.=90%
 Greater Than 100 Ft (0 points) ☐

Wellhead Protection Area:

Is it less than 1000 ft from wells, springs, or other sources of fresh fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ YES (20 points) ☒ NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐
 200 Ft to 1000 Ft (10 points) ☐
 Greater Than 1000 Ft (0 points) ☒

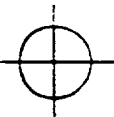
Name of Surface Water Body LA PLATA RIVER

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

TOTAL HAZARD RANKING SCORE: 10 POINTS

REMARKS

Remarks : AT APPROX. 8' SOIL BECAME EXTREMELY DISCOLORED.
ABOVE THAT ONLY READ 160 PPM

ORIGINAL PIT LOCATION	ORIGINAL PIT LOCATION Original Pit : a) Degrees from North <u>25°</u> Footage from Wellhead <u>147'</u> b) Degrees from North _____ Footage from Dogleg _____ Dogleg Name _____ c) Length : <u>15'</u> Width : <u>15'</u> Depth : <u>18"</u> 																												
	<table border="0"> <tr> <td rowspan="4" style="vertical-align: middle; text-align: center;">CLOSURE</td> <td>Remediation Method : Excavation</td> <td>☒</td> <td>Approx. Cubic Yards <u>114</u></td> </tr> <tr> <td></td> <td>☐</td> <td>Onsite Bioremediation</td> </tr> <tr> <td></td> <td>☐</td> <td>Alternative Method (Backfill Pit Without Excavation)</td> </tr> <tr> <td>Remediation Location : Envirotech</td> <td>☐</td> <td></td> </tr> <tr> <td></td> <td>Other Facility</td> <td>☒</td> <td>Name: <u>TIERRA ENVIRONMENTAL</u></td> </tr> <tr> <td></td> <td>Onsite</td> <td>☐</td> <td></td> </tr> <tr> <td></td> <td>Pit Closure Date: <u>11-10-93</u></td> <td></td> <td>Pit Closed By: <u>BET</u></td> </tr> <tr> <td></td> <td colspan="3">Signature of Specialist: <u><i>Ruby Corley</i></u></td> </tr> </table>	CLOSURE	Remediation Method : Excavation	☒	Approx. Cubic Yards <u>114</u>		☐	Onsite Bioremediation		☐	Alternative Method (Backfill Pit Without Excavation)	Remediation Location : Envirotech	☐			Other Facility	☒	Name: <u>TIERRA ENVIRONMENTAL</u>		Onsite	☐			Pit Closure Date: <u>11-10-93</u>		Pit Closed By: <u>BET</u>		Signature of Specialist: <u><i>Ruby Corley</i></u>	
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	Signature of Specialist: <u><i>Ruby Corley</i></u>																												
REMARKS	Remarks : _____ _____ _____ _____																												

SAMPLING INFORMATION

OUTSIDE ZONES	Pit Located Outside Both Water Vulnerable Zones Sample Number: _____ Date Taken: _____ Sampled By: _____ Time Sampled: _____ Sample Depth at Center of Pit: _____ Feet Verification ☐ Duplicate ☐ Blank ☐
INSIDE ZONES FIELD HEADSPACE BELOW 100ppm	Pit Located in Original Zone or Expanded Zone Sample Number: <u>3-75424-D-V01</u> Date Taken: <u>11-10-93</u> Sampled By: <u>RICKY COSBY</u> Time Sampled: _____ Sample Depth at Center of Pit: _____ Feet Pit Bottom Field Headspace: _____ ppm Verification ☒ Duplicate ☐ Blank ☐
INSIDE ZONES FIELD HEADSPACE ABOVE 100ppm	Pit Located in Original Zone or Expanded Zone Sample Number: <u>3-75424-D-V01</u> Date Taken: <u>11-10-93</u> Sampled By: <u>RICKY COSBY</u> Time Sampled: <u>1615</u> Sample Depth at Center of Pit: <u>12</u> Feet Five Point Composite Headspace: <u>1084</u> ppm Verification ☒ Duplicate ☐ Blank ☐



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER: 3-75424-D-V-01, STATE GC BI#1

SAMPLE DATE: 10-Nov-93

SAMPLE TIME (Hrs.): 1615

SAMPLED BY: Ricky Cosby

DATE OF TPH EXT. & ANAL.: 15-Nov-93

DATE OF BTEX ANALYSIS: 17-Nov-93

DESCRIPTION: Course Brown Sand with Fine Grey Clay

REMARKS: 0.00

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIER
BENZENE	< 0.25	MG/KG	None
TOLUENE	16	MG/KG	D1
ETHYL BENZENE	10	MG/KG	D1
TOTAL XYLENES	59	MG/KG	D1
TOTAL BTEX	85	MG/KG	None
TPH (418.1)	1,822	MG/KG	None
HEADSPACE PID	1084	PPM	None
PERCENT SOLIDS	88	%	None

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

Narrative:

The Surrogate Recovery was at 101.4 % for this sample All QA/QC was acceptable.
The "D1" qualifier indicates that the analyte concentration exceeded the calibration curve limit.

Approved By: _____

24-Nov-93

QUALITY CONTROL REPORT

by Modified 418.1 by Infrared

Sample Set: 3-90887-L-V-01, 3-90887-L-D-01, 3-90887-L-B-01, 3-75241-D-V-1, 3-75042-D-V-01, 3-05A11-1-V-01, 3-02643-L-V-01, 3-02643-L-V-02, 3-02643-L-V-03, 3-02643-L-V-04, 3-02643-L-V-05, 3-75424-D-V-01, 3-94307-D-V-01, 3-73832-D-V-01, 3-94380-D-V-01, 3-94843-L-V-01

LABORATORY CONTROL SAMPLES: CALIBRATION CHECKS

SAMPLE ID	SOURCE	TRUE VALUE (PPM)	FOUND (MG/KG)	%R	ACCEPTABLE RANGE 75-125 %R	
					YES	NO
INITIAL CALIBRATION VERIF. "B" Heavy Oil (Lot MOR9480)	HORIBA	200.0	197.3	98.7	X	

Narrative: Acceptable.

LABORATORY AND FIELD DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT (S)MG/KG	DUPLICATE RESULT (D)MG/KG	RPD	ACCEPTABLE RANGE + / - 35%	
					YES	NO
3-75241-D-V-01	2nd Extract	183	99	59.6		X
3-02643-L-V-04	2nd Extract	1644	1543	6.3	X	

Narrative : Poor duplication due to difficult matrix.

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED (SA)MG/KG	SAMPLE RESULT (S)MG/KG	SPIKE SAMPLE RESULT (SR)MG/KG	%R	ACCEPTABLE RANGE 75-125 %R	
					YES	NO
3-75241-D-V-01	3000	183	3717	118	X	
3-02643-L-V-04	3000	1644	4931	110	X	

Narrative: Acceptable.

REFERENCE SOIL (Laboratory Control Sample):

SAMPLE ID	SOURCE	KNOWN VALUE (MG/KG)	SAMPLE RESULT FOUND (MG/KG)	RPD	ACCEPTABLE RANGE + / - 35%	
					YES	NO
ERA TPH STANDARD #1 LOT # 91022	ENVIRONMENTAL RESOURCE ASS.	1820	2146	16.4	X	
ERA TPH STANDARD #2 w/int LOT # 91016	ENVIRONMENTAL RESOURCE ASS.	1450	1601	9.9	X	

Narrative: Acceptable.

LABORATORY REAGENT BLANK:

LABORATORY REAGENT BLANK.

SAMPLE ID	SOURCE	TPH LEVEL (MG/KG)	STATUS
Freon Solvent	Mallinkroft	<10.0	ACCEPTABLE
Reagent Blank	EPNG Lab	<10.0	ACCEPTABLE

Narrative: Acceptable.

Approved By: *John Sutcliffe*

Date: 19-Nov-93

Extracted: 11/15/93

Analyzed: 11/15/93

QUALITY CONTROL REPORT

EPA METHOD 8020 - BETX

For 11/16/93

3-80887-L-V-01, 3-80887-L-D-01, 3-80887-L-B-01, 3-05A11-1-V-01, 3-02843-L-V-01, 3-02843-L-V-02, 3-02843-L-V-03, 3-02843-L-V-04, 3-02843-L-V-05

3-75424-D-V-01, 3-73832-D-V-01

LABORATORY DUPLICATES:

SAMPLE NUMBER Run 11-16-93 3-90887-L-V-01, 3-90887-L-D-01	TYPE	SAMPLE RESULT (S) (PPB)	DUPLICATE RESULT (D) (PPB)	RPD	ACCEPTABLE RANGE + / - 35%	
					YES	NO
Benzene	Field	2.3	2.6	9.8	X	
Toluene	Field	17.6	38.1	73.6		X
Ethyl benzene	Field	40.3	59.8	39.0		X
Total Xylenes	Field	439.7	531.5	18.9	X	

Narrative: Low RPD on Ethylbenzene and Total Xylene due to difficult sample matrix.

LABORATORY CONTROL, CALIBRATION CHECK:

SAMPLE NUMBER Run 11/16/93 50 PPB std	TYPE	KNOWN RESULT (PPB)	FOUND RESULT (PPB)	XR	ACCEPTABLE RANGE 75 - 125 %	
					YES	NO
Benzene	Standard	50.0	51.8	103.6	X	
Toluene	Standard	50.0	53.0	106.0	X	
Ethyl benzene	Standard	50.0	53.7	107.4	X	
Total Xylenes	Standard	150.0	173	115.5	X	

Narrative: Acceptable!

LABORATORY SPIKES:

SAMPLE NUMBER Run 11-16-93 3-90887-L-V-01	SPIKE ADDED (SA) (PPB)	SAMPLE RESULT (S) (PPB)	SPIKE SAMPLE RESULT (SR) (PPB)	XR	RANGE	ACCEPTABLE	
						YES	NO
Benzene	50.0	2.3	47.8	91	39 - 150	X	
Toluene	50.0	17.6	67.3	99	46 - 148	X	
Ethyl benzene	50.0	40.3	75.4	70	32 - 160	X	
Total Xylenes	150.0	439.7	451.1	8	Not Given	X	

Narrative: The spike on total xylenes is out of limits due to the sample concentration exceeding the spike by more than 2X.

LABORATORY AND TRIP BLANKS:

SAMPLE ID	SOURCE	Component (PPB)	STATUS
Benzene	EPNG Water	<2.0	ACCEPTABLE
Toluene	EPNG Water	<2.0	ACCEPTABLE
Ethyl benzene	EPNG Water	<2.0	ACCEPTABLE
Total Xylenes	EPNG Water	<2.0	ACCEPTABLE

Narrative: Acceptable!

Approved By:

John Sander

Date: 24-Nov-93

Pit Project
**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

SAMPLE IDENTIFICATION

SAMPLE NUMBER:

SAMPLE DATE:

SAMPLE TIME (Hrs.):

SAMPLED BY:

DATE OF TPH EXT. & ANAL.:

DATE OF BTEX ANALYSIS:

DESCRIPTION:

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIER
BENZENE	0.05	MG/KG	
TOLUENE	0.05	MG/KG	DL
ETHYL BENZENE	0.05	MG/KG	DL
TOTAL XYLENES	0.05	MG/KG	DL
TOTAL BTEX	0.05	MG/KG	
TPH (418.1)	0.05	MG/KG	
HEADSPACE PID	0.05	PPM	
PERCENT SOLIDS	0.05	%	

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

Narrative:

The Surrogate Recovery was at 100 % for this sample All QA/QC was acceptable.

Approved By: _____

18-Nov-93

File : 75424_01.D01

75424-D-V-1 .10

JOHN LAMBDIN

Run : 01

Queue : SOIL

Set Number : 1

Type : Sample

Path : C:\CHROM

Collection : 20:42:09 Nov 17 1993 Meth(A): BETX [16:17:54 Nov 17 1993]

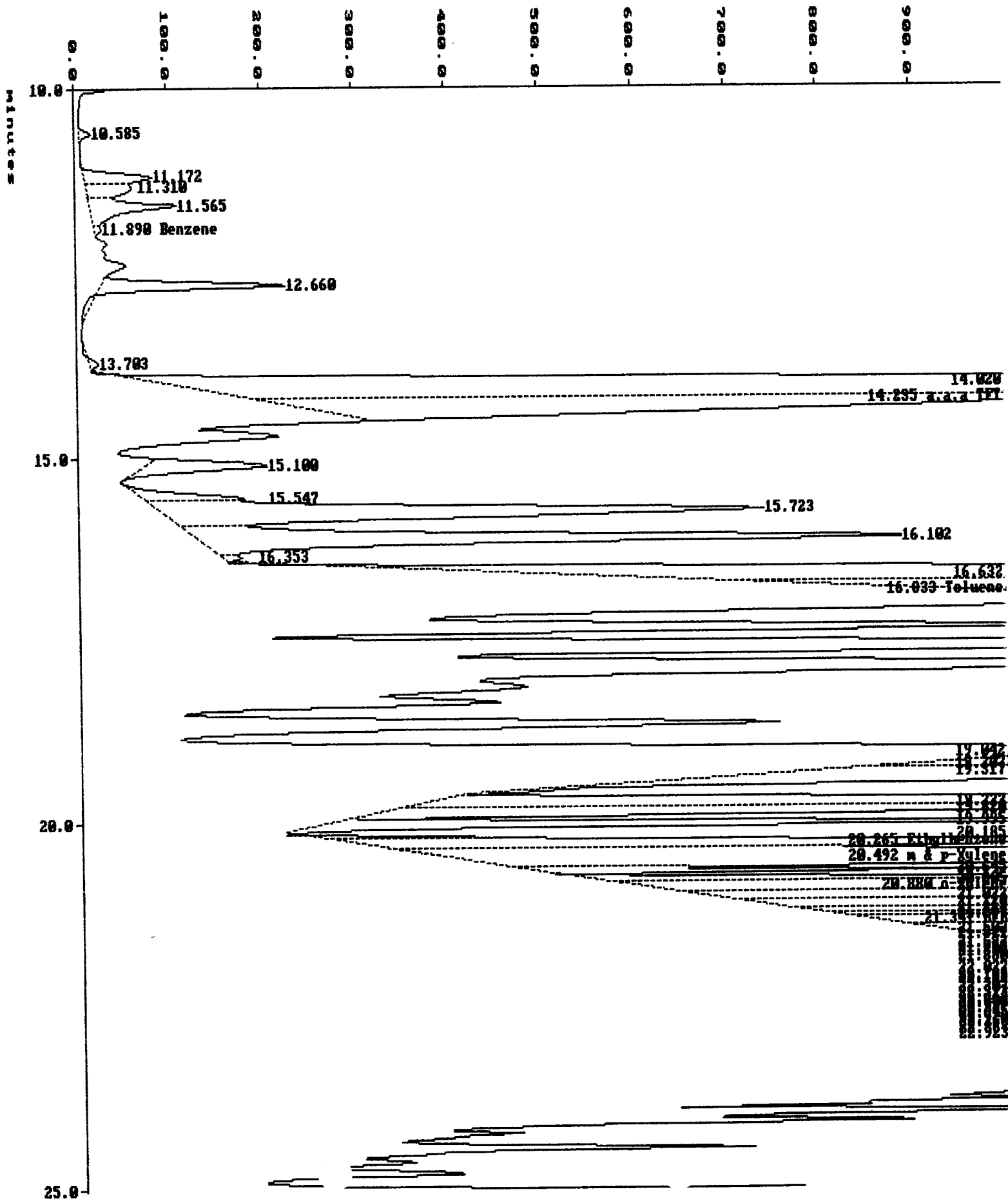
Integration: 20:42:09 Nov 17 1993 Meth(A): BETX [16:17:54 Nov 17 1993]

Report : 21:08:19 Nov 17 1993 Meth(A): BETX [16:17:54 Nov 17 1993]

Sample Amt : 1.00000e+0 Dilution: 1.00000e+0

EXTERNAL STANDARD (AREA)

RT	Area	BC	ExpRT	RF	ug/L	Name
10.585	73181	T		0.00000e+0	0.0000	Unknown
11.172	625497	T		0.00000e+0	0.0000	Unknown
11.310	483614	T		0.00000e+0	0.0000	Unknown
11.565	990585	T		0.00000e+0	0.0000	Unknown
11.890	42713	V	11.839	5.55961e-5	2.3747	Benzene <0.25
12.660	1146912			0.00000e+0	0.0000	Unknown
13.703	41016	V		0.00000e+0	0.0000	Unknown
14.020	34614636	T		0.00000e+0	0.0000	Unknown
14.235	9547225		14.235	9.27400e-5	885.4095	R a, a, a TFT
15.100	1088608	V		0.00000e+0	0.0000	Unknown
15.547	715481	T		0.00000e+0	0.0000	Unknown
15.723	6949077	T		0.00000e+0	0.0000	Unknown
16.102	6848364	T		0.00000e+0	0.0000	Unknown
16.353	86015	V		0.00000e+0	0.0000	Unknown
16.631	36372932	T		0.00000e+0	0.0000	Unknown
16.833	47636960	T	16.756	6.68159e-6	318.2906	Toluene 15.9 dl
19.041	513462	T		0.00000e+0	0.0000	Unknown
19.207	28275392	T		0.00000e+0	0.0000	Unknown
19.317	17054522	V		0.00000e+0	0.0000	Unknown
19.723	18412788	T		0.00000e+0	0.0000	Unknown
19.820	11319327	T		0.00000e+0	0.0000	Unknown
19.995	7019299	V		0.00000e+0	0.0000	Unknown
20.185	558463	T		0.00000e+0	0.0000	Unknown
20.265	27642828	T	20.251	7.27704e-6	201.1580	Ethylbenzene 10.1 dl
20.492	95731464	T	20.411	8.67989e-6	830.9381	m & p-Xylene
20.645	2016326	V		0.00000e+0	0.0000	Unknown
20.805	14314386	T		0.00000e+0	0.0000	Unknown
20.880	48322196	T	20.848	7.28882e-6	352.2119	o-Xylene 59.2 dl
21.022	18856010	T		0.00000e+0	0.0000	Unknown
21.120	35965660	T		0.00000e+0	0.0000	Unknown
21.217	9625052	T		0.00000e+0	0.0000	Unknown
21.297	8356784	T		0.00000e+0	0.0000	Unknown
21.346	31808840	T	21.353	3.18798e-6	101.4060	BFB
21.502	19570246	T		0.00000e+0	0.0000	Unknown
21.576	11048894	T		0.00000e+0	0.0000	Unknown
21.682	39532712	T		0.00000e+0	0.0000	Unknown
21.748	44361364	T		0.00000e+0	0.0000	Unknown
21.807	2250994	T		0.00000e+0	0.0000	Unknown
21.880	23432296	T		0.00000e+0	0.0000	Unknown
22.026	44903160	T		0.00000e+0	0.0000	Unknown
22.122	13376614	T		0.00000e+0	0.0000	Unknown
22.186	29362730	T		0.00000e+0	0.0000	Unknown
22.307	17695428	T		0.00000e+0	0.0000	Unknown
22.373	4594081	T		0.00000e+0	0.0000	Unknown
22.463	13898060	T		0.00000e+0	0.0000	Unknown
22.508	26621768	T		0.00000e+0	0.0000	Unknown
22.587	6694634	T		0.00000e+0	0.0000	Unknown
22.645	6902652	T		0.00000e+0	0.0000	Unknown
22.720	10646580	T		0.00000e+0	0.0000	Unknown
22.768	6493319	T		0.00000e+0	0.0000	Unknown



File : 75424_01.D0275424-D-V-1 .10JOHN LAMBDIN

Run : 01Queue : SOILSet Number : 1Type : Sample

Path : C:\CHROM

Collection : 20:42:09 Nov 17 1993Meth(B): BETX[15:16:35 Nov 09 1993]

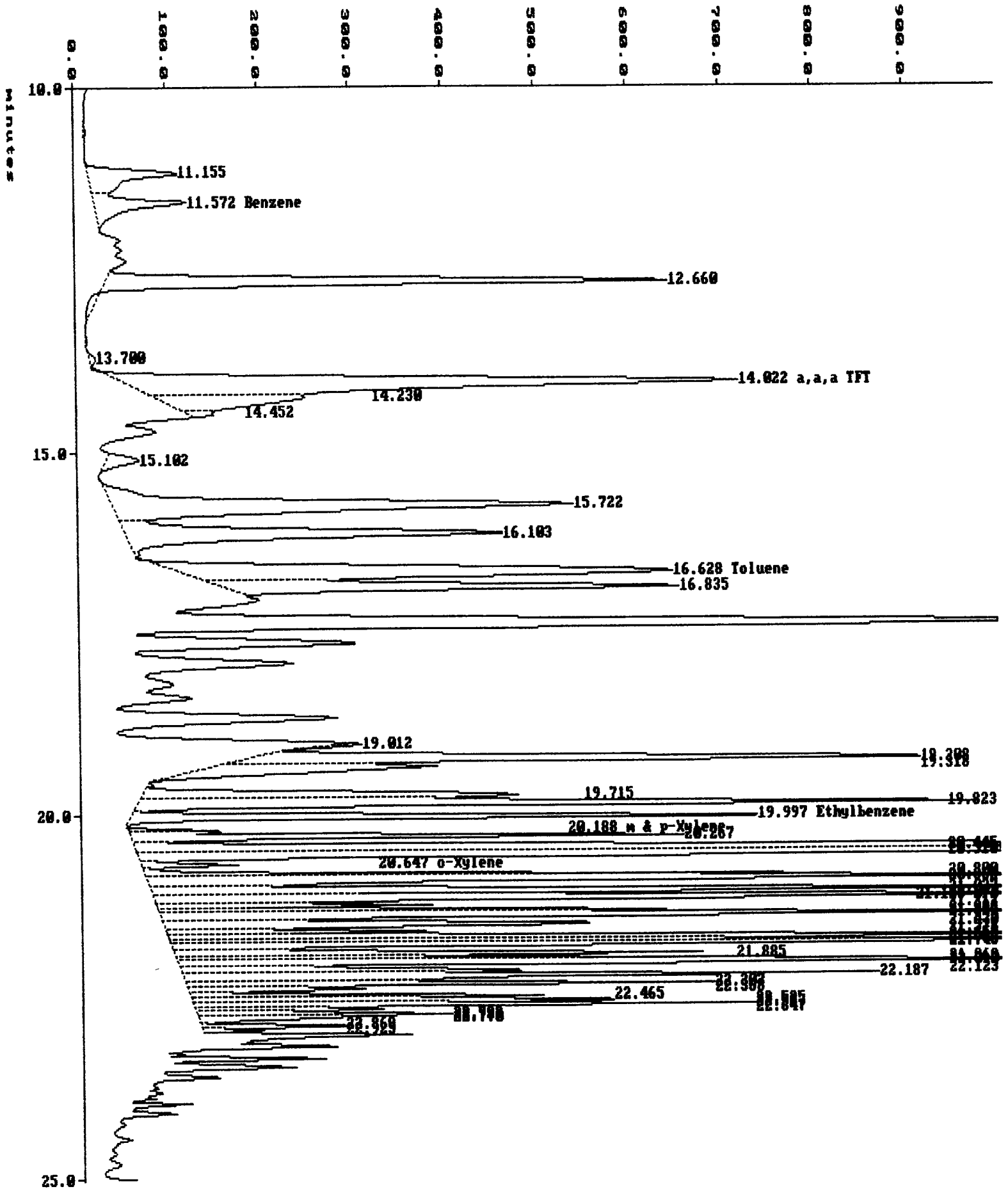
Integration : 20:42:09 Nov 17 1993Meth(B): BETX[15:16:35 Nov 09 1993]

Report : 21:08:36 Nov 17 1993Meth(B): BETX[15:16:35 Nov 09 1993]

Sample Amt : 1.00000e+0Dilution: 1.00000e+0

EXTERNAL STANDARD (AREA)

RT	Area	BC	ExpRT	RF	ug/L	Name
11.155	1077188	T		0.00000e+0	0.0000	Unknown
11.572	1075525	V	11.710	2.03398e-4	218.7600	Benzene
12.660	3835667			0.00000e+0	0.0000	Unknown
13.700	54681	V		0.00000e+0	0.0000	Unknown
14.021	6864882	T	14.021	0.00000e+0	0.0000	R a,a,a TFT
14.230	1433327	T		0.00000e+0	0.0000	Unknown
14.452	100344			0.00000e+0	0.0000	Unknown
15.101	295389	V		0.00000e+0	0.0000	Unknown
15.722	5055165	T		0.00000e+0	0.0000	Unknown
16.103	3536833	T		0.00000e+0	0.0000	Unknown
16.628	5254782	T	16.573	2.05471e-4	1079.7053	Toluene
16.835	2916664	T		0.00000e+0	0.0000	Unknown
19.012	53187	V		0.00000e+0	0.0000	Unknown
19.208	3735879	T		0.00000e+0	0.0000	Unknown
19.318	1773284	V		0.00000e+0	0.0000	Unknown
19.715	2485282	T		0.00000e+0	0.0000	Unknown
19.823	3963625	T		0.00000e+0	0.0000	Unknown
19.997	2450078	V	20.030	2.18185e-4	534.5708	Ethylbenzene
20.188	299459	T	20.184	2.31863e-4	69.4333	m & p-Xylene
20.267	1988353	T		0.00000e+0	0.0000	Unknown
20.445	16141370	T		0.00000e+0	0.0000	Unknown
20.510	7575692	T		0.00000e+0	0.0000	Unknown
20.647	304668	T	20.621	2.28576e-4	69.6399	o-Xylene
20.800	2100852	T		0.00000e+0	0.0000	Unknown
20.861	5976621	T		0.00000e+0	0.0000	Unknown
21.026	3359207	T		0.00000e+0	0.0000	Unknown
21.118	4743118	T	21.122	8.77200e-6	41.6066	BFB
21.217	820552	T		0.00000e+0	0.0000	Unknown
21.298	1489808	T		0.00000e+0	0.0000	Unknown
21.352	3829283	T		0.00000e+0	0.0000	Unknown
21.470	2320062	T		0.00000e+0	0.0000	Unknown
21.578	666638	T		0.00000e+0	0.0000	Unknown
21.658	4181079	T		0.00000e+0	0.0000	Unknown
21.732	3133042	T		0.00000e+0	0.0000	Unknown
21.745	3423269	T		0.00000e+0	0.0000	Unknown
21.885	2093148	T		0.00000e+0	0.0000	Unknown
21.968	1600392	T		0.00000e+0	0.0000	Unknown
22.010	4498150	T		0.00000e+0	0.0000	Unknown
22.123	1386668	T		0.00000e+0	0.0000	Unknown
22.186	3022029	T		0.00000e+0	0.0000	Unknown
22.307	1656978	T		0.00000e+0	0.0000	Unknown
22.368	566139	T		0.00000e+0	0.0000	Unknown
22.465	917961	T		0.00000e+0	0.0000	Unknown
22.525	1656210	T		0.00000e+0	0.0000	Unknown
22.587	1585542	T		0.00000e+0	0.0000	Unknown
22.647	536148	T		0.00000e+0	0.0000	Unknown
22.721	859566	T		0.00000e+0	0.0000	Unknown
22.770	479046	T		0.00000e+0	0.0000	Unknown
22.868	336685	T		0.00000e+0	0.0000	Unknown
22.925	138131	V		0.00000e+0	0.0000	Unknown



Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil
Perkin-Elmer Model 1600 FT-IR
Analysis Report

3/11/15 10:43

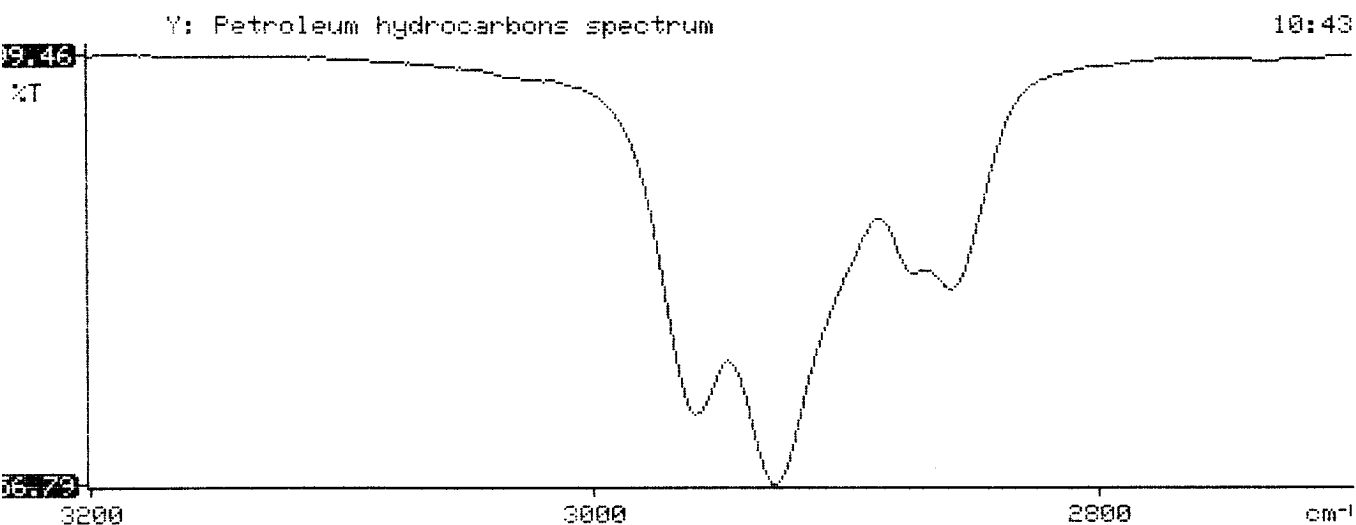
Sample identification
-75424-D-V-01

Initial mass of sample, g
1.000

Volume of sample after extraction, ml
8.000

Petroleum hydrocarbons, ppm
821.643

Net absorbance of hydrocarbons (2930 cm^{-1})
0.242



PHASE II

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1
Well # _____
Page 1 of 2

Project Name EPNG PITS
Project Number 14509 Phase 6000 77
Project Location State GC BI #1 75424

Elevation _____
Borehole Location QF-S16-T30-R13
GWL Depth _____
Logged By CM CHANCE
Drilled By K Padilla
Date/Time Started 10/4/95-0915
Date/Time Completed 10/4/95-1220

Well Logged By CM Chance
Personnel On-Site K Padilla, F. Rivera, D. Chanley
Contractors On-Site _____
Client Personnel On-Site _____
Drilling Method 4 1/4" ID HSA
Air Monitoring Method PID, CGI

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring			Drilling Conditions & Blow Counts
							Units: PPM	S	HS	
0				Backfill + D 121						
5										
10										
15	1	15-17	3"	Br SILT, tr f sand, loose, dry			0	20	$\frac{23}{262}$	-97244
20	2	20-22	12"	DK grg silty CLAY, soft, med plastic, dry			4	82	$\frac{520}{1869}$	-0930
25	3	25-27	8"	AA			3	583	$\frac{1120}{2286}$	-0946
30	4	30-32	4"	Br silty CLAY, soft, med plastic, dry			5	689	$\frac{1313}{1304}$	-0949
35	5	35-37	4"	AA			3	431	$\frac{650}{1848}$	-1002
40	6	40-42	5"	AA			5	620	$\frac{1582}{1294}$	-1012

Comments:

Geologist Signature

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Page 2 of 2

Project Name EPNG PITS

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Contractors On-Site

Client Personnel On-Site

Drilling Method 4 1/4" ID HSA

Air Monitoring Method PID, CGI

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM			Drilling Conditions & Blow Counts
							BZ	BH	HS	
40										
45	7	45-47	10"	Br sandy CLAY, vF sand, med stiff, med plastic, tr caliche parting			8	498	$\frac{706}{527}$	-1026 km
50	8	50-52	6"	Blk sandy CLAY, vF sand, med stiff, low plastic, sl moist			0	360	$\frac{482}{923}$	-1047
55	9	55-55.5	4"	lt br sandy CLAY, vF sand, hard, nonplastic, dry			9	460	$\frac{396}{6086}$	-1128
60	10	58-58.3	3"	lt gry SHALE, vF sand, hard			0	280	$\frac{359}{758}$	-1148
60	10	60		TDB 58.3'						-Refusal @ 58' w/ augers
65										
70										
75										
80										

Comments:

CMC 128 (58-58.3') sent to lab (BTEX, TPH). Refusal @ 58'. BH
grouted to surface

Geologist Signature

CM Chance



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CNC 128	947580
MTR CODE SITE NAME:	75424	State GC B1 #1
SAMPLE DATE TIME (Hrs):	10/4/95	1148
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. ANAL.:	10-6-95	
DATE OF BTEX EXT. ANAL.:	10/5/95	10/5/95
TYPE DESCRIPTION:	VG	LIGHT GRAY SANDY SILTSTONE

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	0.6	MG/KG				
TOLUENE	9.5	MG/KG				
ETHYL BENZENE	0.8	MG/KG				
TOTAL XYLENES	7.8	MG/KG				
TOTAL BTEX	18.7	MG/KG				
TPH (418.1)	<10	MG/KG			1.99	22
HEADSPACE PID	458	PPM				
PERCENT SOLIDS	93.4	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 97% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: JP

Date: 10-11-95

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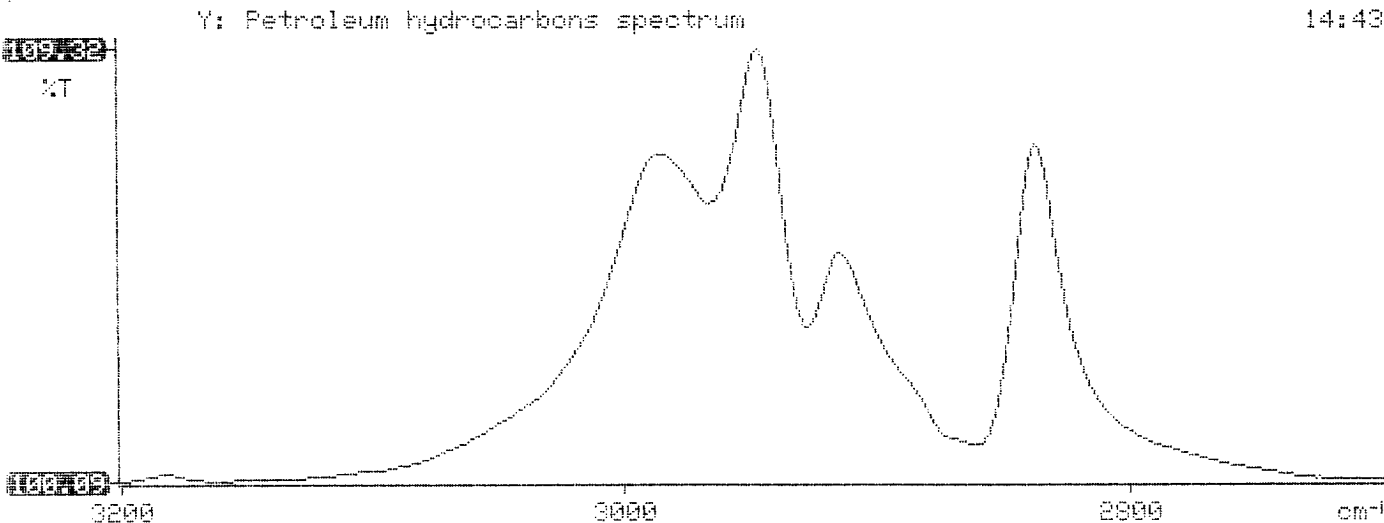
*****
*                               *
*      Test Method for         *
*      Oil and Grease and Petroleum Hydrocarbons      *
*      in Water and Soil      *
*                               *
*      Perkin-Elmer Model 1600 FT-IR                  *
*      Analysis Report                                *
*                               *
*****

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*
95/10/06  14:43
*
*  Sample identification
947580
*
*  Initial mass of sample, g
1.990
*
*  Volume of sample after extraction, ml
28.000
*
*  Petroleum hydrocarbons, ppm
-201.960
*  Net absorbance of hydrocarbons (2930 cm-1)
-0.014
*
*
*

```



BTEX SOIL SAMPLE WORKSHEET

File	:	947580	Date Printed	:	10/6/95
Soil Mass (g)	:	5.06	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	DF (Analytical)	:	200
Shot Volume (uL)	:	50	DF (Report)	:	0.19763

				Det. Limit
Benzene (ug/L)	:	2.81	Benzene (mg/Kg):	0.555 0.494
Toluene (ug/L)	:	48.30	Toluene (mg/Kg):	9.545 0.494
Ethylbenzene (ug/L)	:	3.88	Ethylbenzene (mg/Kg):	0.767 0.494
p & m-xylene (ug/L)	:	32.60	p & m-xylene (mg/Kg):	6.443 0.988
o-xylene (ug/L)	:	6.76	o-xylene (mg/Kg):	1.336 0.494
			Total xylenes (mg/Kg):	7.779 1.482
			Total BTEX (mg/Kg):	18.646

EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM000\100595-0.002
 Method : C:\LABQUEST\METHODS\0-092095.MET
 Sample ID : 947580,5.06G,50U
 Acquired : Oct 05, 1995 12:10:43
 Printed : Oct 05, 1995 12:41:13
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	8.133	1049406	2.8120
a,a,a-TFT	10.473	10300179	117.7354
TOLUENE	12.880	17918104	48.3018
ETHYLBENZENE	17.217	1288922	3.8821
M,P-XYLENES	17.593	12744924	32.5602
O-XYLENE	18.767	2177528	6.7564
BFB	19.820	52827656	96.9171

