Industrial Compliance
9838 Old Placerville Road Suite 100 Sacramento, CA 95827-3559
916/369-8971 FAX 916/369-8370

October 19, 1995

IC Project No. 05100695

Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
Division of Hazardous Materials
1131 Harbor Bay Parkway
Alameda, California 94501

Re: Site Investigation Report
Southern Pacific Transportation Company
Right-of-Way Adjacent to 400 Lancaster Street
Oakland, California

Dear Mr. Chan:

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), has prepared the attached Site Investigation Report for the site located on SPTCo right-of-way adjacent to 400 Lancaster Street, Oakland, California.

If you have any questions regarding this report, please contact the undersigned at (510) 238-9540 or (916) 369-8971 or Mr. Michael Grant of SPTCo at (415) 541-2838.

Sincerely,

INDUSTRIAL COMPLIANCE

John O. Cavanaugh
Project Geologist

Richard L. Bateman, R.G.
Principal Hydrogeologist

JOC/RLB/dao

Attachment

cc: Mr. Mike Grant, Southern Pacific Transportation Company (with attachment)

95 OCT 23 PM 1:45

ENVIRONMENTAL PROTECTION

i880-279.ltr/10-19-95/u/kwrigh/keydata/i-880/letters

Industrial Compliance

9838 Old Placerville Road Suite 100 Sacramento, CA 95827-3559
916/369-8971 FAX 916/369-8370

SITE INVESTIGATION REPORT

Southern Pacific Transportation Company
400 Lancaster Street
Oakland, California

IC Project No. 05100695

Prepared For:

Southern Pacific Transportation Company
One Market Plaza
San Francisco, CA 94105

October 19, 1995

SITE INVESTIGATION REPORT

Southern Pacific Transportation Company
400 Lancaster Street
Oakland, California

Prepared By:

John O. Cavanaugh
Project Geologist

Reviewed By:

Richard L. Bateman, R.G.
Principal Hydrogeologist

TABLE OF CONTENTS

FIGURES

TABLE OF CONTENTS (continued)

TABLES

APPENDICES

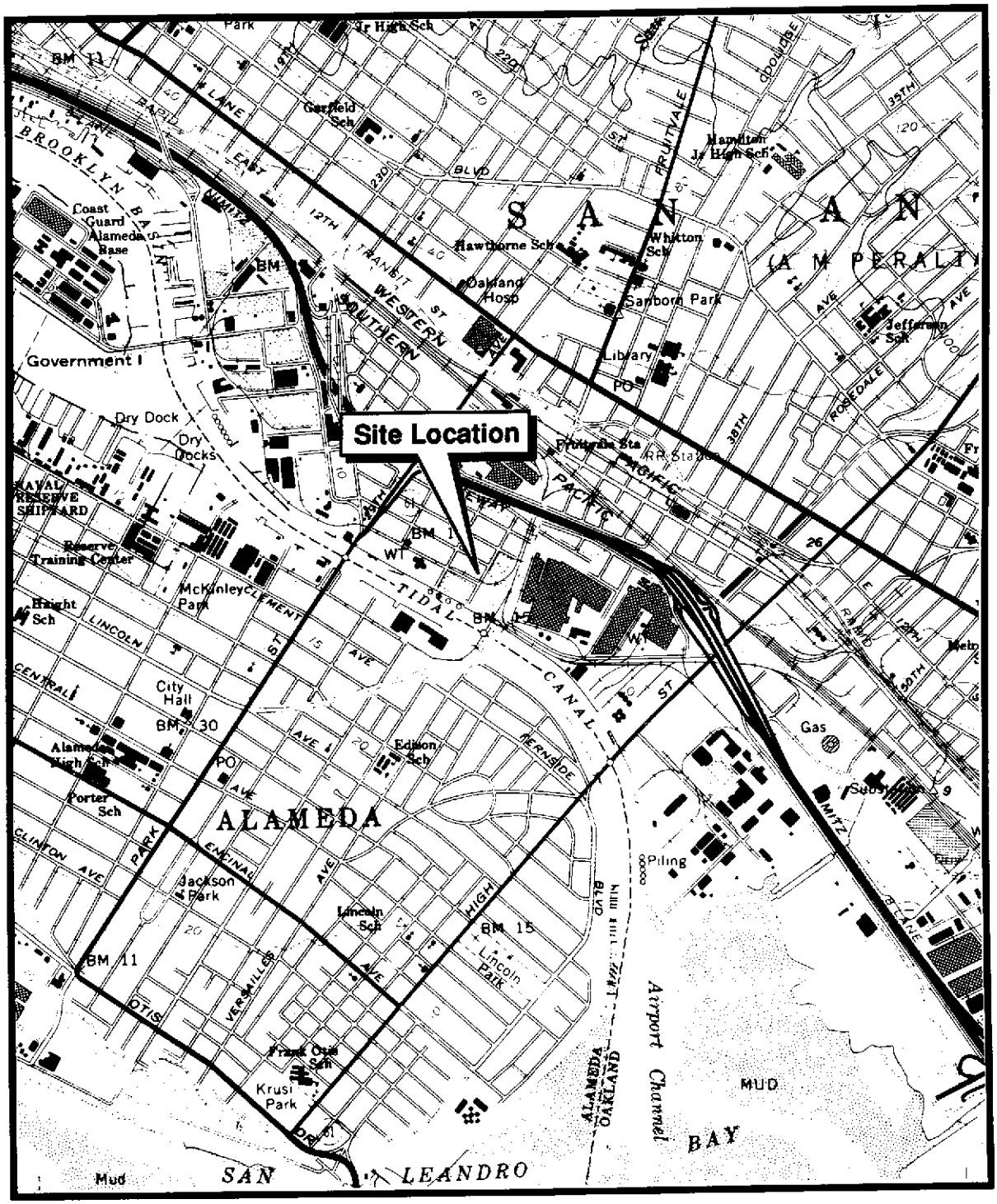
1.0 INTRODUCTION

This report documents the results of a soil and ground water investigation performed by Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), on the SPTCo right-of-way adjacent to the former Del Monte Plant 26 facility located at 400 Lancaster Street in Oakland, California (Figure 1). Work was performed in accordance with a workplan dated September 13, 1994 entitled *Site Investigation Workplan, Southern Pacific Transportation Company, 400 Lancaster Del Monte Plant 26, Oakland, California.* The workplan was prepared in response to a letter, dated July 15, 1994, from the Alameda County Health Care Services Agency - Department of Environmental Health, Division of Hazardous Materials (Alameda County). The workplan was approved by Alameda County as modified in a letter dated November 30, 1994.

1.1 Background

On May 23, 1994, a Del Monte contractor encountered soil containing an oily substance while excavating for a utility modification project at 400 Lancaster Street. The substance was observed to be seeping from the corners of the excavation adjacent to the SPTCo right-of-way. A second pit was excavated approximately 8 feet west of the initial encounter. The oily substance was also observed in the second pit. Both pits were backfilled with the excavated soil. The location of the pits are inferred to be within the area on Figure 2 identified as "area of new asphalt".

Samples of soil containing the oily substance were collected by a consultant retained by Del Monte. The results were transmitted to Alameda County in a letter dated June 2, 1994. Based on these results, Alameda County requested that SPTCo prepare the above mentioned workplan for a soil and ground water investigation at the site.

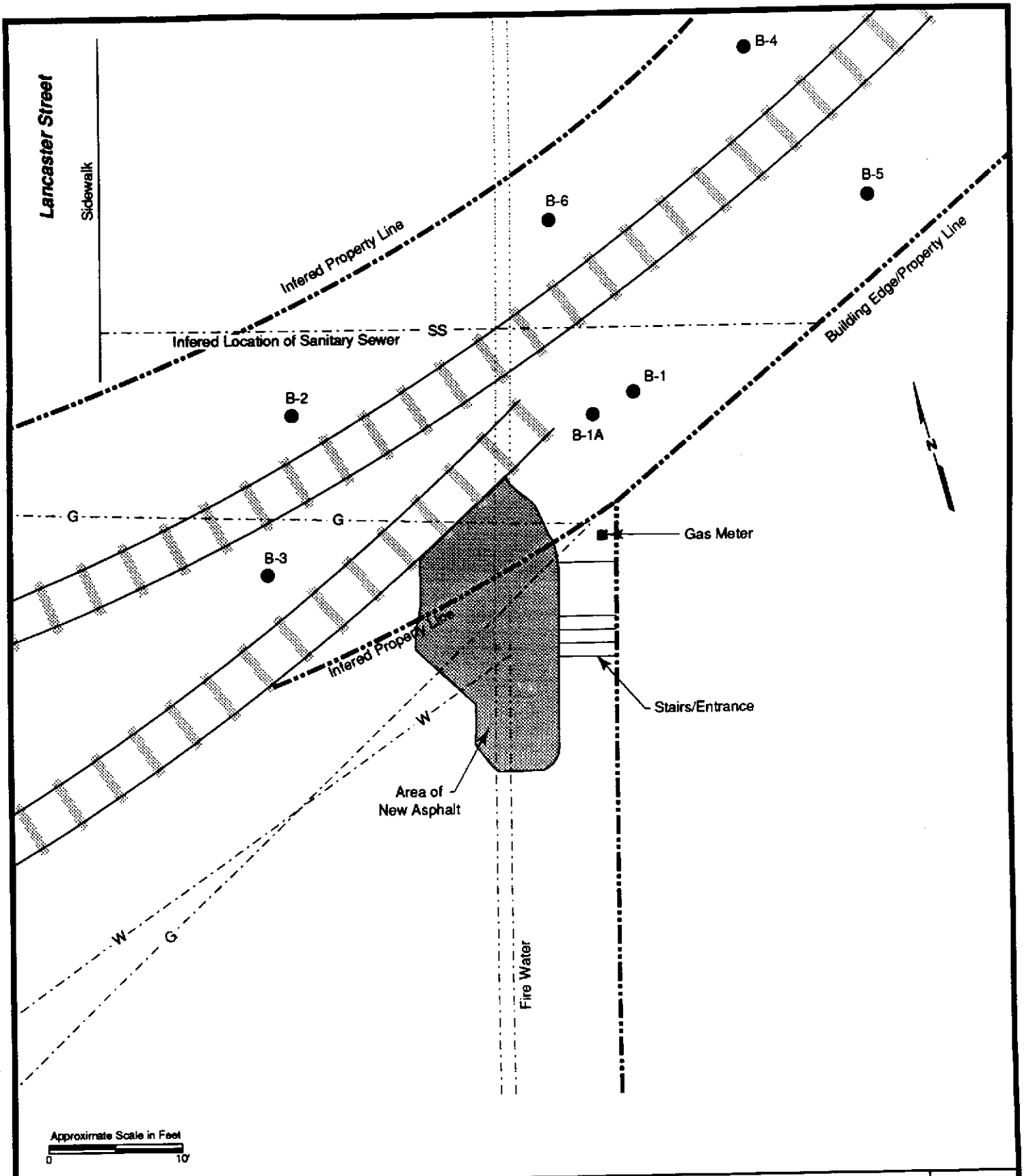


Reference:
U.S.G.S. 7.5 Minute Series (Topographic)
Oakland East Quadrangle
California
N3745-W12207.5/7.5
1959

Approximate Scale in Feet
0 2640'

Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.		**SITE LOCATION MAP** **SOUTHERN PACIFIC TRANSPORTATION COMPANY** **RAILROAD RIGHT-OF-WAY** **400 LANCASTER STREET** **OAKLAND, CALIFORNIA**	Figure: 1 Page No.: 2
Project No.: 05100695	Date: 09/14/94		Scale: as shown
Drawn By: Patti Decker	Checked By: Carl Taylor		

Oak-695/WP.0994/F.o1 #100



Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.	**BORING LOCATION MAP** **SOUTHERN PACIFIC TRANSPORTATION COMPANY** **RAILROAD RIGHT-OF-WAY** **400 LANCASTER STREET** **OAKLAND, CALIFORNIA**		Figure: 2
			Page No.: 3
Project No.: 05100695		Date: 05/08/95	Scale: as shown
Drawn By: Patti Decker		Checked By: John Cavanaugh	

Oak-695/.0595/F.02 #100

1.2 Investigation Rationale

The objectives of this SPTCo investigation were to:

* Assess the presence and characterize the horizontal and vertical extent of soil impacted with petroleum hydrocarbons within the SPTCo right-of-way.

* Determine if ground water has been impacted with petroleum hydrocarbons.

The September 13, 1994 workplan proposed to assess the presence and characterize the horizontal and vertical extent of soil impacted with petroleum hydrocarbons by drilling up to nine borings. Alameda County requested that a grab ground water sample be collected from one of the borings located in the area known to be impacted. To comply with this request, SPTCo collected a water sample from a temporary well installed near the edge of the utility excavation.

Based on evidence collected in the field during the investigation, only six of the nine proposed borings were required to define the horizontal and vertical extent of petroleum hydrocarbon impacted soil within the SPTCo right-of-way. The remaining three proposed borings were not drilled. Boring locations were modified slightly from the workplan to avoid conflict with existing site utilities, and to more tightly define the area of impacted soil. Boring designations were assigned based upon the drilling sequence and differ from the September 13, 1994 workplan. A seventh boring, designated B-1A, was drilled adjacent to boring B-1 when technical problems required redrilling of the boring to install the temporary well. Boring locations and designations are shown on Figure 2.

1.3 Geology and Hydrogeology

The site lies on the east side of San Francisco Bay approximately 300 feet east of the Oakland-Alameda channel, which connects San Leandro Bay/estuary to the southeast with San Francisco Bay to the northwest. The portion of the channel in the vicinity of the site was formed by dredging in the 1950's. The surface topography is relatively flat. The surface geology is comprised of Quaternary alluvial deposits derived from the coast ranges located approximately 2 miles to the east and areas of recent fill. Surface drainage generally flows to the southwest towards the Oakland-Alameda channel. Regional ground water is also inferred to flow toward the southwest.

2.0 FIELD AND LABORATORY PROCEDURES

This section discusses the field procedures that were used to drill and sample six soil borings, and install and sample one temporary monitoring well at the site. Work was performed on February 23 and 24, 1995.

2.1 Field Procedures

Seven soil borings (B-1 through B-6 and B-1A) were drilled at the locations shown on Figure 2. Locations and total boring depths were selected by an IC geologist in general accordance with the September 13, 1995 workplan. The borings were drilled using a Mobile Drill B-57 rig equipped with 8-inch diameter hollow-stem augers. Soil samples from six of the borings (B-1 through B-6) were collected from a depth of approximately 2 feet below ground surface (bgs) to the total depth of each boring. Continuous sampling for lithologic logging, field screening, and chemical analysis, was preformed using an 18-inch spilt-spoon sampler lined with three 6-inch by 2-inch brass liners. The sampler was driven into undisturbed soil in advance of the auger bit using a 140-pound hammer with a 30-inch free-fall.

In order to reduce the potential for cross-contamination, the drilling equipment was steam cleaned prior to drilling each boring. Sampling equipment was cleaned with a trisodium phosphate wash and triple rinsed with potable water prior to the collection of each soil sample.

2.1.1 Lithologic Logging Procedures

The contents of the split-spoon sampler were examined by a geologist and logged in accordance with American Society of Testing Materials (ASTM) D 2488 methodology. The

number of blows required to drive the sampler every 6-inches, along with other relevant observations made by the geologist or driller were recorded on the boring logs. Boring logs are included as Appendix A.

2.1.2 Field Screening Procedures

A representative portion (approximately 50 grams) of each split-spoon soil sample was placed in a resealable plastic bag for approximately 15 minutes. The concentration of volatile organic compounds in the headspace within the bag was then measured with a photo-ionization detector (PID). The PID readings, in parts per million volumetric (ppmv), were recorded on the boring logs.

2.1.3 Soil Sample Collection Procedures

Soil samples for possible chemical analysis were retained in the brass liners, which were sealed with Teflon sheets and plastic caps, labeled, logged onto a chain-of-custody form and placed in an iced cooler for shipment to Analytical Technologies, Inc. (ATI) in San Diego, California.

2.1.4 Temporary Well Installation Procedures

One temporary monitoring well was installed. The well was initially attempted in boring B-1, however, this attempt was aborted due to technical difficulties. A seventh boring (B-1A) was drilled adjacent to B-1 exclusively for the purpose of installing the temporary well. Drilling procedures for the temporary monitoring well are the same as the procedures described in Section 2.1. The monitoring well borehole extended approximately 7.5 feet below the static ground water level to a depth of 12.5 feet bgs. The temporary monitoring well was constructed of 2-inch-diameter Schedule-40 polyvinyl chloride (PVC) blank casing

and screen. Well screen (0.020-inch factory slotted) was installed between the depths of 2.5 feet bgs and 12.5 feet bgs. Once the well casing and screen was in place, filter pack material (Lone Star 2/12 sand) was poured slowly down through the augers into the annular space. A 1-foot-thick bentonite chip seal was installed on top of the filter pack by the same method used for filter pack placement. After placement of the bentonite chips, the chips were moistened with potable water (3 to 5 gallons) and allowed to hydrate for at least 15 minutes. Borehole and well construction logs are included in Appendix A.

2.1.5 Temporary Well Sampling Procedures

Prior to sampling, the well was purged of a minimum of three saturated well volumes. During purging, ground water temperature, pH, and electrical conductivity were measured in the field. Well purge characterization data are included in Appendix B. The ground water in the well was assumed to be representative of formation water after three well volumes were removed and consecutive parameter readings were within 10 percent. A new disposable Teflon bailer was then used to fill four 40-ml volatile organic analysis (VOA) vials and four 1-liter amber bottles. The vials and bottles contained the appropriate preservative for the intended analysis. The ground water samples were then handled in the same manner as the soil samples.

2.1.6 Soil Boring Abandonment Procedures

Upon completion of sampling activities, each borehole was backfilled with neat cement. The casing and sand were removed from B-1A prior to emplacement of the cement. The cement was placed with a tremie pipe to within 5 feet of ground surface. At depths less than 5 feet bgs, the cement was poured directly into the borehole. Borings drilled within paved areas were topped with cold asphalt.

Monitoring well purge water and drill cuttings were placed in 55-gallon drums and stored on site for future disposal pending receipt of the laboratory analytical results. Each drum was labeled with the project name, project number, date of drilling, and boring location/identification.

2.2 Laboratory Procedures

Selected soil samples were analyzed for TPH using California Environmental Protection Agency (EPA) Method 8015 Modified and for benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8020. Selected samples were also speciated by carbon paraffin range using EPA Method 8015 Modified with n-paraffin hydrocarbon standards. The differences in these methods are discussed in a letter from ATI dated February 6, 1995 (Appendix C). The ground water sample was analyzed using the same analytical methods.

3.0 DISCUSSION OF RESULTS

The following discussion is based on field observations, analytical results, and review of documentation from previous work performed at the site.

3.1 Lithology and Hydrogeology

Soil encountered at the site consisted of approximately 2 to 3 feet of clayey gravel underlain by low and moderate plasticity clays. A silty sand was noted at a depth of approximately 9.5 feet to the maximum explored depth of 12.5 feet bgs. These soil types are consistent with soils encountered during previous investigations in the area.

Evidence of free ground water was encountered at approximately 5.5 feet bgs in all borings. In borings which penetrated into the silty sand unit noted above (B-1 and B-1A), ground water stabilized at approximately 5.5 feet bgs within several minutes. In borings which did not penetrate into the silty sand unit, several hours were required for ground water to enter the borehole. Boring B-5 was left open overnight to verify the static ground water level. The following morning, ground water had stabilized at a depth of approximately 5.5 feet bgs in boring B-5. Borings B-1 through B-4 and B-6 were sealed upon completion, precluding an overnight ground water level check.

Between the ground surface and approximately 2 feet bgs, a limited amount of water, probably associated with recent rains, was observed perched on the clay in some of the borings. This water was observed only in soil samples and was not observed to flow into the open boreholes.

The static ground water level noted during this investigation is approximately 1 to 2.5 feet higher than the level reported during investigations at the adjacent 400 Lancaster Street

property (CH_2MHill report entitled: *Phase II Site Assessment, Del Monte Plant 26, Oakland, California,* dated March 16, 1994). This difference may be due to seasonal fluctuations.

3.2 Field Screening Results

Elevated PID readings were noted in soil samples collected from borings B-1 and B-6 and, to a lesser extent in boring B-2. Other field evidence of hydrocarbons such as odor and soil discoloration was also observed in these borings and in boring B-1A, where a sheen and oil drops were noted on the augers upon retraction. In borings B-2 and B-6, the field evidence indicating the presence of hydrocarbons was strongest at depths between 4 and 5.5 feet bgs. In boring B-1, strong evidence of the presence of hydrocarbons was noted as shallow as 2 feet bgs. No field evidence of hydrocarbons was observed in borings B-3, B-4, or B-5.

3.3 Soil Analytical Results

The soil analytical results document the presence of petroleum hydrocarbons at concentrations above the practical quantitation limit in samples collected from borings B-1, B-2, and B-6. The analytical results further indicate that the hydrocarbons encountered during this investigation generally were within the fuel carbon or paraffin range C_6 through C_{30} with a paraffin distribution that does not conform to diesel. Soil analytical results are summarized in Table 1 and are discussed below. Laboratory data sheets for soil samples, including tables and histograms of concentrations within standard fuel carbon or paraffin ranges, are provided as Appendix D. A table and histogram of concentrations within standard fuel carbon or paraffin ranges for a diesel standard is also provided in Appendix D. Chain-of-custody documentation is included as Appendix E.

The highest concentrations of petroleum hydrocarbons in soil were reported in samples collected from boring B-1 at depths of 2.5 and 4 feet bgs. The soil sample at 2.5 feet bgs

TABLE 1
ANALYTICAL RESULTS - SOIL SAMPLES

Boring	Date Sampled	Depth (feet bgs)	Total Petroluem Hydrocarbons[a] (mg/kg)		BTEX Compounds[b] (mg/kg)			
			Carbon Range (C_6 - C_{25})	Carbon Range (C_{25} - C_{30})	Benzene	Toluene	Ethylbenzene	Xylenes
B-1	02/23/95	2.5	**4,526.58**	**4,722.19**	<0.025	<0.025	**0.14**	**0.20**
		4	**4,044.18**	**4,085.05**	<0.025	<0.025	**0.11**	**0.20**
		5.5	**575.81**	**656.04**	<0.025	<0.025	<0.025	<0.050
		7	**182.52**	**218.68**	<0.025	<0.025	<0.025	<0.050
		10	**655.83**	**700.68**	<0.025	<0.025	<0.025	<0.050
		11.5	<20	<20	<0.025	<0.025	<0.025	<0.050
B-2	02/23/95	4	**1425.44**	**2269.26**	<0.025	<0.025	<0.025	<0.050
		5.5	<20	**26.19**	<0.025	<0.025	<0.025	<0.050
		7	<20	<20	<0.025	<0.025	<0.025	<0.050
B-3	02/23/95	4	<20	<20	<0.025	<0.025	<0.025	<0.050
		5.5	<20	<20	<0.025	<0.025	<0.025	<0.050
B-4	02/23/95	4	<20	<20	<0.025	<0.025	<0.025	<0.050
		5.5	<20	<20	<0.025	<0.025	<0.025	<0.050
B-5	02/23/95	4	<20	<20	<0.025	<0.025	<0.025	<0.050
		5.5	<20	<20	<0.025	<0.025	<0.025	<0.050
B-6	02/24/95	2.5	**87.29**	**253.71**	<0.025	<0.025	<0.025	<0.050
		4	**422.42**	**498.74**	<0.025	<0.025	<0.025	<0.050
		5.5	**2433.72**	**2689.99**	<0.025	<0.025	**0.033**	<0.050
		7	**557.49**	**613.43**	<0.025	<0.025	<0.025	<0.050

a Total petroleum hydrocarbons analyzed by EPA Method 8015 Modified.

b Benzene, toluene, ethylbenzene, and xylenes (BTEX) analyzed by EPA Method 8020.

mg/kg milligrams per kilogram

< Indicates the constituent was not detected at a concentration at or above the practical quantitation limit, as listed.

contained petroleum hydrocarbons at approximate concentrations of 4,500 milligrams per kilogram (mg/kg) in the C_6 to C_{25} paraffin range and 4,700 mg/kg in the C_{25} to C_{30} paraffin range. The soil sample at 4 feet bgs contained petroleum hydrocarbons at approximate concentrations of 4,050 mg/kg in the C_6 to C_{25} paraffin range and 4,100 mg/kg in the C_{25} to C_{30} paraffin range. Petroleum hydrocarbon concentrations in samples collected from depths of 5.5 feet bgs, 7 feet bgs, and 10 feet bgs in boring B-1 were approximately an order of magnitude lower than in the two shallower samples. Petroleum hydrocarbons were not detected in the sample collected from a depth of 11.5 feet bgs.

In boring B-6, petroleum hydrocarbons in the C_6 to C_{25} paraffin range were detected at concentrations ranging from approximately 87 mg/kg to 2,450 mg/kg. Petroleum hydrocarbons in the C_{25} to C_{30} paraffin range were detected at concentrations ranging from approximately 250 mg/kg to 2,700 mg/kg. The highest concentration in both paraffin ranges was reported for the sample collected from 5.5 feet bgs.

In boring B-2, petroleum hydrocarbons were detected in the sample from 4 feet bgs at concentrations of approximately 1,425 mg/kg (C_6 to C_{25}) and 2,250 mg/kg (C_{25} to C_{30}). Petroleum hydrocarbons in the C_{25} to C_{30} paraffin range were detected in the sample from 5.5 feet bgs at an approximate concentration of 25 mg/kg. Petroleum hydrocarbons were not detected in the soil sample from 7 feet bgs in boring B-2.

Petroleum hydrocarbons were not detected in any soil sample analyzed from borings B-3, B-4, or B-5.

BTEX compounds were only detected in three of the soil samples collected during the site investigation. Ethylbenzene and xylenes were detected in the soil samples collected from 2.5 and 4 feet bgs in boring B-1. The reported concentrations of ethylbenzene were 0.14 mg/kg and 0.11 mg/kg at 2.5 feet bgs and 4 feet bgs, respectively; the reported concentration of

xylenes was 0.20 mg/kg at both 2.5 feet bgs and 4 feet bgs. Ethylbenzene was also reported at a concentration of 0.033 mg/kg in the soil sample collected from 5.5 feet bgs in boring B-6. It is noted that these three soil samples from boring B-1 and B-6 also contained the highest reported concentrations of petroleum hydrocarbons.

3.4 Ground Water Analytical Results

Ground water analytical results are presented in Table 2 and are discussed below. Laboratory data sheets and chain-of-custody documentation for the ground water sample are provided in Appendix D and Appendix E, respectively.

Petroleum hydrocarbons were detected in the ground water sample collected from the temporary monitoring well installed in boring B-1A. The reported concentration of petroleum hydrocarbons in the C_6 to C_{25} paraffin range was approximately 3.2 milligrams per liter (mg/L) or 3,200 micrograms per liter (μg/L); the reported concentration of petroleum hydrocarbons in the C_{25} to C_{30} paraffin range was approximately 4.4 mg/L or 4,400 μg/L. The results of the n-paraffin analyses indicate that the paraffin or fuel carbon range pattern for the ground water sample was similar to that of the soil samples. BTEX compounds were not detected in the ground water sample.

TABLE 2
ANALYTICAL RESULTS - GROUND WATER SAMPLES

Boring	Date Sampled	Total Petroluem Hydrocarbons[a] (mg/L)		BTEX Compounds[b] (µg/L)			
		Carbon Range (C_6 - C_{25})	Carbon Range (C_{25} - C_{30})	Benzene	Toluene	Ethylbenzene	Xylenes
B-1A	02/24/95	**3.24**	**4.45**	<0.50	<0.50	<0.50	<1.0
Trip Blank	02/24/95	<2.0	<2.0	<0.50	<0.50	<0.50	<1.0

a Total petroleum hydrocarbons analyzed by EPA Method 8015 Modified.

b Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8020.

mg/L Milligrams per liter

µg/L Micrograms per liter

< Indicates the constituent was not detected at a concentration at or above the detection limit, as listed.

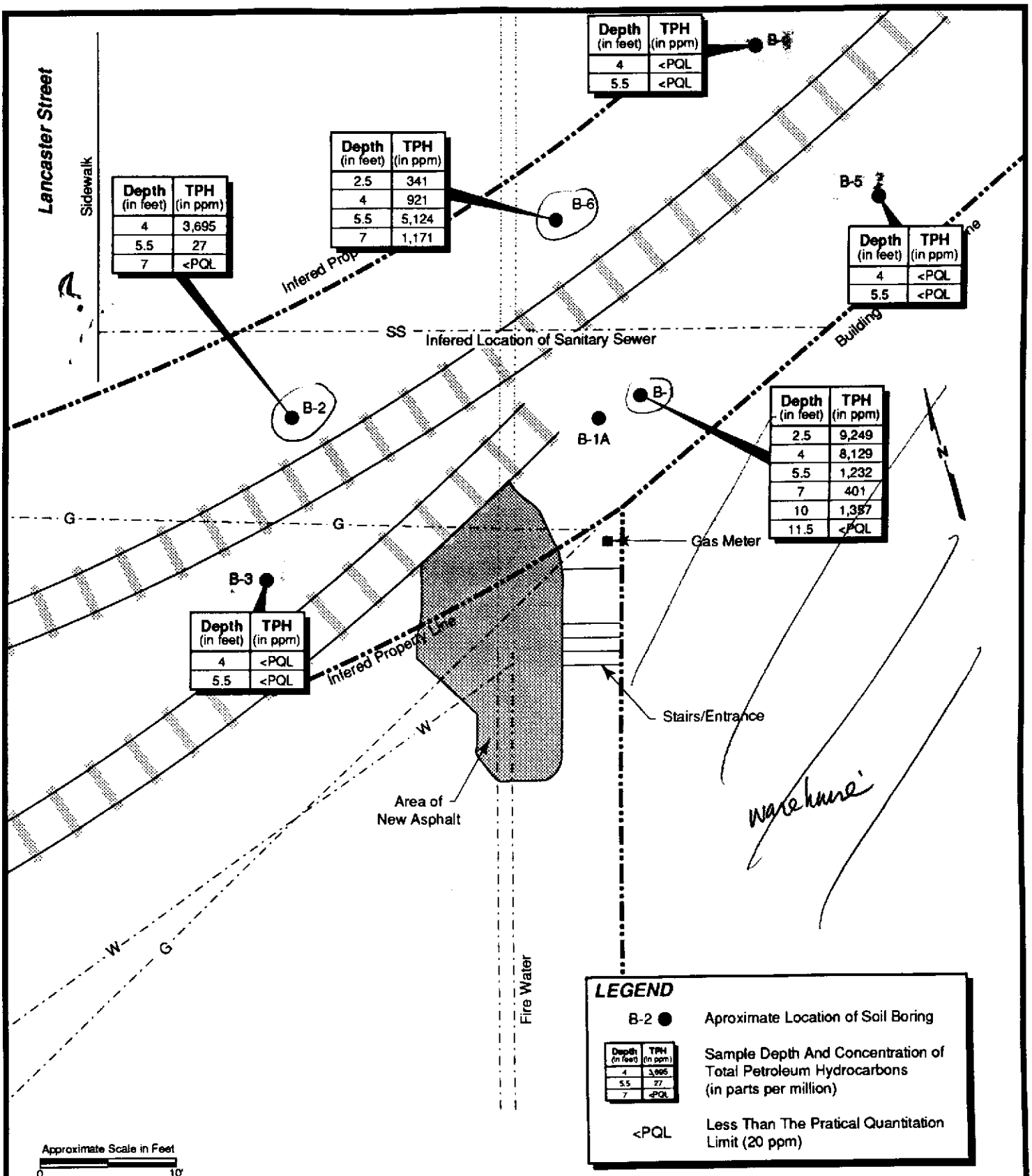
4.0 CONCLUSIONS

Based on the data presented in this report, IC concludes that soils and ground water within the SPTCo right-of-way in the vicinity of 400 Lancaster Street have been impacted by petroleum hydrocarbons in the paraffin range C_6 to C_{30}. The distribution of petroleum hydrocarbons in soil is shown on Figure 3 and discussed below.

* Although petroleum hydrocarbons were reported in the paraffin range typically quantified as diesel (C_6 to C_{25}), the distribution of hydrocarbons, when compared to a diesel standard, does not conform to diesel. It appears that many (or all) of the hydrocarbons detected in the "diesel" range may be lighter components of the petroleum material detected in the "motor oil" range (C_{25} to C_{30}). Therefore, quantification of all hydrocarbons between C_6 and C_{25} as diesel would probably lead to an erroneously high "diesel" value.

* The absence of significant levels of BTEX compounds further indicates that the petroleum hydrocarbons present are "heavier" low mobility compounds.

* The highest concentrations of hydrocarbons were detected in borings B-1 and B-6, located northeast of the utility excavation, in which an oily substance was first noted. Based on these borings, hydrocarbon impacted soil may likely be present both north and south of the railroad right-of-way in this area. Several marked utilities are located in the area, some of which may cross the right-of-way. The subsurface utility corridors may be preferential pathways for hydrocarbon migration.



Industrial Compliance A Subsidiary of SP Environmental Systems, Inc.		TPH IN SOIL SOUTHERN PACIFIC TRANSPORTATION COMPANY RAILROAD RIGHT-OF-WAY 400 LANCASTER STREET OAKLAND, CALIFORNIA	Figure: 3
Project No.: 05100695	Date: 09/11/95		Page No.: 17
Drawn By: Patti Decker	Checked By: John Cavanaugh		Scale: as shown

Oak-695/.0995/F.03 #100

* Within the railroad right-of-way, the eastern extent of hydrocarbons in soil has been defined to non-detectable levels by borings B-4 and B-5. The western extent has been defined to non-detectable levels by boring B-3.

* The northwest extent of hydrocarbon impacted soil has not been defined. Hydrocarbons were detected at a depth of 4 feet bgs in boring B-2; hydrocarbons were not detected in shallower or deeper samples in this boring. Based on these data, hydrocarbons may be present within the City of Oakland property, 12 feet further to the west.

* Analytical results from boring B-1 indicate that the maximum depth of hydrocarbon impacted soil is approximately 11 feet bgs.

* Analytical results from the ground water sample indicate that ground water in the vicinity of boring B-1A has been impacted by petroleum hydrocarbons in the paraffin range C_6 to C_{30}. The lateral extent of impacted ground water has not been established. The existence of upgradient sources of petroleum hydrocarbon impact to ground water has not been excluded.

5.0 GLOSSARY OF ACRONYMS

ASTM	American Society of Testing Materials
ATI	Analytical Technologies, Inc.
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
EPA	Environmental Protection Agency
IC	Industrial Compliance
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
PID	Photo-ionization detector
ppmv	Parts per million volumetric
PVC	Polyvinyl chloride
SPTCo	Southern Pacific Transportation Company
VOA	Volatile organic analysis
μg/L	Micrograms per liter

APPENDIX A

SOIL BORING AND GROUND WATER MONITORING WELL LOGS

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	400 Lancaster, Oakland, California	**Boring Name**	B-1
Drilling Company	West Hazmat	**Project Name**	400 Lancaster
Drilling Method	Hollow Stem Auger	**Rig Type** Mobile B-57	**Project Number** 05100695
Hole Diameter 8 In.	**Driller** Gene	**Date** 2/23/95	**Logged By** J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth** 5 feet bgs	**Total Depth** 12.5 feet bgs

Sample Number	Recovery	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID
			1	Backfilled With Cement/ Bentonite Grout		GC	**Gravel (Ballast)**: angular. **Clayey Gravel**: yellowish brown, 15 to 20% clay and silt, 20 to 30% fine to coarse grained sand, fine to coarse gravel, moderate product odor.	
	60%	22 20	2				**Silty Clay**: very light olive gray, 15 to 30% fine sand, brown mottling, water in rootlets, very stiff. Color change at 4' to olive gray, less mottling, very stiff.	145
		8 10	3					
		10 14	4			CL		140
		9 12	5					
		18 10	6					
	100%	15 10	7				**Silty Clay**: trace coarse sand, fine well rounded gravel, very blocky structure, very stiff, very moist.	42
		6 10	8			CH	**Clay**: light olive gray, high plasticity.	21
		10 10	9					
		25 25	10			SM	**Silty Sand**: yellowish brown, 10 to 20% silt and clay, fine sand, dense.	28
		20 35	11					
		35	12					

Total depth = 12.5 feet bgs.
Ground water encountered at 5 - 5.5 feet bgs.
PID Response Factor = 2.6

Well Construction Log

INDUSTRIAL COMPLIANCE

Well Location	400 Lancaster Street			**Well Name**	B-1A
Drilling Company	West Hazmat			**Project Name**	400 Lancaster Street
Drilling Method	Hollow Stem Auger	**Rig Type**	B-57	**Project Number**	05100695
Hole Diameter	8 In.	**Driller** Gene	**Date** 2/24/95	**Logged By**	J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth**	5.5 feet bgs	**Total Depth**	12.5 feet bgs

Well Construction Specifics

Screen Placement	from 2.5 ft. to 12.5 ft.	Slot Size 0.020 inches	Diameter 2 inches	Completion Type:
Blank Casing	from 0 ft. to 2.5 ft.	Schedule 40	Diameter 2 inches	Aboveground NA
Filter Pack	from 2 ft. to 12.5 ft.	Size 2/12	Type Lonestar	At Grade NA
Bentonite Pellets	from 1.5 ft. to 2 ft.	Type 1	Size 1/2 inches	Hydrated X yes ___ no
Cement/Bentonite	from - ft. to - ft.	Size	Percent Bentonite ___	

Sample Number	Recov.	Blows/ 6-inches	Depth Feet	Well Detail	Lithology	USCS Log	Sample Description	FID/PID
			1			GC	See boring B-1 for infered lithology.	
			2				Oil droplets noted on augers upon removal.	
			3					
			4					
			5			CL		
			6					
			7					
			8					
			9			CH		
			10					
			11			SM		
			12					

Note: Casing and sand removed 2/24/95. Borehole grouted 2/24/95.

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	400 Lancaster, Oakland, California	**Boring Name**	B-2
Drilling Company	West Hazmat	**Project Name**	400 Lancaster
Drilling Method	Hollow Stem Auger	**Rig Type** Mobile B-57	**Project Number** 05100695
Hole Diameter 8 **In.**	**Driller** Gene	**Date** 2/23/95	**Logged By** J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth** 5.5 feet bgs	**Total Depth** 8 feet bgs

Sample Number	Recovery	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID
	100%		1 2 3 4 5 6 7 8	Backfilled With Cement/ Bentonite Grout		GC CL	**Asphalt** **Clayey Gravel**: very moist, NPO. **Clay**: olive, low plasticity, very stiff, MPO. **Clay**: as above, very moist, NPO. **Clay**: as above, very moist, NPO.	NA

Total depth = 8 feet bgs.
Ground water encountered at 5.5 feet bgs.
PID Response Factor = 2.6

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	400 Lancaster, Oakland, California	**Boring Name**	B-3
Drilling Company	West Hazmat	**Project Name**	400 Lancaster
Drilling Method	Hollow Stem Auger	**Rig Type** Mobile B-57	**Project Number** 05100695
Hole Diameter 8 In.	**Driller** Gene	**Date** 2/23/95	**Logged By** J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth** 5.5 feet bgs	**Total Depth** 8 feet bgs

Sample Number	Recovery	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID
	100%	35 35 10 12 14 22 11 15 20 18 18 20	1 2 3 4 5 6 7 8	Backfilled With Cement/ Bentonite Grout		GC CL	**Asphalt** **Clayey Gravel**: very dark gray, 25 to 35% clay and silt, 20 to 30% fine to coarse grained sand, fine gravel, dense, very moist, NPO. **Clay**: olive, low plasticity, some silt, 15 to 20% very fine grained sand, very stiff, trace coarse grained sand, NPO. **Clay**: light olive gray, high plasticity, light gray discoloration, very stiff, NPO.	2 5 15 6

Total depth = 8 feet bgs.
Ground water encountered at 5.5 feet bgs.
PID Response Factor = 2.6

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	400 Lancaster, Oakland, California			**Boring Name**	B-4
Drilling Company	West Hazmat			**Project Name**	400 Lancaster
Drilling Method	Hollow Stem Auger	**Rig Type**	Mobile B-57	**Project Number**	05100695
Hole Diameter	8 In.	**Driller**	Gene	**Date**	2/23/95	**Logged By**	J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth**	5.5 feet bgs	**Total Depth**	8 feet bgs

Sample Number	Recovery	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID
			1	Backfilled With Cement/ Bentonite Grout		GP	**Gravel**: ballast.	
						GC	**Clayey Gravel**: very dark gray, 30 to 40% clay and silt, 15 to 20% sand.	0
		6	2				**Silty Clay**: olive gray, low plasticity, 15 to 20% silt and very fine grained sand, trace coarse graoned sand, very stiff, NPO.	
		16						
		12	3					0
	100%	14	4			CL		
		14						
		16	5					
		6						0
		14	6					
		18						
		12						
		12	7				**Silty Clay**: occastional light brown mottling, very stiff, NPO.	
		20						0
			8					

Total depth = 8 feet bgs.
Ground water encountered at 5.5 feet bgs.
PID Response Factor = 2.6

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	400 Lancaster, Oakland, California			**Boring Name**	B-5
Drilling Company	West Hazmat			**Project Name**	400 Lancaster
Drilling Method	Hollow Stem Auger	**Rig Type**	Mobile B-57	**Project Number**	05100695
Hole Diameter	8 In.	**Driller**	Gene	**Date** 2/23/95	**Logged By** J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth**	5.5 feet bgs	**Total Depth**	8 feet bgs

Sample Number	Recovery	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID
			1	Backfilled With Cement/ Bentonite Grout		GP	**Silty Gravel**: gray, ballast with fines..	
							Gravelly CLay: very dark brown, low plasticity, 15 to 30% sand and gravel, very stiff, NPO.	0
		13	2				**Silty Clay**: olive, low plasticity, 10 to 15% very fine grained sand, trace coarse grained sand, rare rootlets, very stiff, NPO.	
		15						
		18	3					0
	100%	14	4			CL		
		16						
		20	5					
		9						0
		15	6					
		20						
		15	7				**Silty Clay**: as above, rare light brown mottling, hard, NPO.	
		20						
		28	8					0

Total depth = 8 feet bgs.
Ground water encountered at 5.5 feet bgs.
PID Response Factor = 2.6

Boring Log

INDUSTRIAL COMPLIANCE

Boring Location	400 Lancaster, Oakland, California	**Boring Name**	B-6
Drilling Company	West Hazmat	**Project Name**	400 Lancaster
Drilling Method	Hollow Stem Auger	**Rig Type** Mobile B-57	**Project Number** 05100695
Hole Diameter 8 **In.**	**Driller** Gene	**Date** 2/23/95	**Logged By** J. Cavanaugh
Ground Elevation	Not Measured	**Water Depth** 5.5 feet bgs	**Total Depth** 8 feet bgs

Sample Number	Recovery	Blows/ 6-inches	Depth Feet	Boring Detail	Lithology	USCS Log	Sample Description	FID/PID
			1	Backfilled With Cement/ Bentonite Grout		GM	**Silty Gravel**: 15 to 25% silt and clay, 15 to 20% fine to coarse grained sand, NPO. grades to: **CLay**: brown, low plasticity, 30 t0 40% silt, fine grained sand, stiff, NPO.	15
	100%	5 9 10	2 3				**Clay**: olive gray, moderate plasticity, 10 to 15% fine to coarse grained sand, rootlets, trace organic material, very stiff, FPO.	188
		8 10 12	4 5			CL	**Clay**: as above, very moist, very stiff NPO.	250
		7 13 17	6					
		10 16 14	7 8				**Clay**: as above, hard, FPO.	135

Total depth = 8 feet bgs.
Ground water encountered at 5.5 feet bgs.
PID Response Factor = 2.6

APPENDIX B

WELL PURGE CHARACTERIZATION DATA SHEET

Industrial Compliance
A Subsidiary of SF Environmental Systems, Inc.

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 05100695 Project Name: LANCASTER Date: 2-24-95

Well Number: BL-A Sampler: Mike Endicott Weather: OVERCAST

Military Time	1054	1055	1056	1058	1100	
Gallons Purged	0	1	3	4		
Purge Rate	—	—	—	—	S	
pH	8.38	9.02	9.23	9.28	A	
Conductivity	1.19 x1000	1.33 x1000	1.38 x1000	1.38 x1000	M	
Temperature (C)	61.6	61.8	62.0	62.2	P	
Salinity (0/00)	—	—	—	—	L	
Turbidity	CLOUDY	CLOUDY	CLOUDY	CLOUDY	E	
Color	MED BRN	MED BRN	MED BRN	MED BRN		
Water Level Casing						
Calibration	pH:					

Depth to bottom (DB): 13.20
Depth to water (DW): 6.46
Height of water column (H) = DB - DW: 6.74
One casing volume (CV) = H x multiplier: 1
Three casing volumes (3CV): 3
Multipliers = (2") well = 0.16 gallons/foot
4" well = 0.65 gallons/foot
6" well = 1.47 gallons/foot
8" well = 2.61 gallons/foot
S.C.:

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
BL-A	4	40 ML	VOA	HCL		ATI	DISP. BAILER	TEF BAILER	
	2	1 LT	AMBER	H_2SO_4					
	2	1 LT	AMBER	NONE					
Cleaning:	WASHED BAILER WITH ALCONOX/RINSED WITH DI WATER								
Comments:									

Sampler's Signature: Mike Endicott

GROUND WATER ELEVATION MEASUREMENT LOG

Sheet 1 of 1

Project Name: LANCASTER Project No. 05006695 Task/Phase: 01 / 36000

Date: 2-24-95 Equipment: WATER LEVEL INDICATOR Weather: OVER CAST

Well Number	Reference Elevation (feet-MSL)	Time (military)	Depth to Water (feet)	Depth to Product (feet)	Total Depth (feet)	PT (feet)	PT x 0.8 (feet)	Adjusted DTW[1] (feet)	Ground Water Elevation[2] (feet-MSL)
B1-A		1049	6.46		13.20				
Comments:									

1 Adjusted depth to water = DTW - (PT x 0.8)

2 Ground water elevation = Reference elevation - Adjusted DTW

MSL Mean sea level

DTW Depth to water (to 0.01 foot)

PT Product thickness (0.01 foot)

Signature Mike Endicott

* STAND PIPE 1.2 ABOVE GROUND

APPENDIX C

ANALYTICAL TECHNOLOGIES Inc. LETTER
FEBRUARY 6, 1995

Analytical **Technologies,** Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

February 6, 1995

Dear Clients, Friends, and Colleagues :

Analytical Technologies, Inc. (ATI) is pleased to offer an option in the way your fuels are analyzed. Each has its advantages and disadvantages. The two are (1) the traditional 8015 Modified (8015 Mod Std.) analysis based on gasoline or diesel or other product used as comparison standards, and (2) an 8015 Modified analysis based on Paraffin Series standards (8015 Mod Paraffin).

8015 Mod Std.:

The first is the traditional way which you are most familiar with, based upon the California LUFT manual. This uses the chromatographic pattern of the fuel, matched against the patterns of the standards to identify by type, and quantitate the fuel found in the sample. Quantitation is based on a standard of the matched fuel. The results are listed as three pieces of information: 1. the identity of the fuel (diesel, or gasoline etc.), 2. the carbon range of the sample (C6 to C12, for example), and 3. the concentration (mg/Kg or mg/L).

8015 Mod Paraffin

The second way to identify and quantitate fuels is by using an n-paraffin series of hydrocarbon standards. The n-paraffin series is a series of straight chain hydrocarbons which differ only in the number of carbons found in the "chain." This analytical standard is used to identify specific areas of the fuel chromatogram by calculating the concentration of the sample hydrocarbon peaks at the GC instrument retention time (related to the boiling point) of the fuel at each particular paraffin area. Quantitation is based upon the n-paraffins C8, C10, C16, C20, and C24.

The final results consist of 1. a breakdown by each Paraffin Carbon range as a concentration 2. total concentration of the fuel, and 3. identification of the fuel. The results are a table of the concentration of hydrocarbons found in the sample for each n-paraffin carbon range, a percentage of each based on the total concentration, followed by a cumulative percentage. Graphs are presented with this data. Examples are attached for your review.

It should be noted that this procedure is based on a "simulated distillation" and is not approved or promulgated by the State of California. Should you have any questions or need additional information, please do not hesitate to call me at (619) 458-9141, extension 604.

Sincerely,

Kenneth Wahl

Kenneth Wahl
Regional Manager, Business Development

APPENDIX D

LABORATORY DATA SHEETS

Analytical Technologies, Inc. Corporate Offices: 5550 Morehouse Drive San Diego CA 92121 (619) 458-9141

ATI I.D.: 502303

March 08, 1995

INDUSTRIAL COMPLIANCE
1357 5TH STREET
OAKLAND, CA 94607

Project Name: LANCASTER
Project # : 05100695

Attention: CARL TAYLOR

Analytical Technologies, Inc. has received the following sample(s):

Date Received	Quantity	Matrix
February 25, 1995	18	SOIL
February 25, 1995	2	WATER

The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. If any flags appear next to the analytical data in this report, please see the attached list of flag definitions.

The results of these analyses and the quality control data are enclosed. Please note that the Sample Condition Upon Receipt Checklist is included at the end of this report.

JON M. BREWSTER
PROJECT MANAGER

ALAN J. KLEINSCHMIDT
LABORATORY MANAGER

Analytical Technologies, Inc.

SAMPLE CROSS REFERENCE

Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

Report Date: March 08, 1995
ATI I.D. : 502303

ATI #	Client Description	Matrix	Date Collected
1	B1-A	WATER	24-FEB-95
2	TRIP	WATER	24-FEB-95
3	B-1 2 1/2	SOIL	23-FEB-95
4	B-1 4	SOIL	23-FEB-95
5	B-1 5 1/2	SOIL	23-FEB-95
6	B-1 7	SOIL	23-FEB-95
7	B-1 10	SOIL	23-FEB-95
8	B-1 11 1/2	SOIL	23-FEB-95
9	B-2 4	SOIL	23-FEB-95
10	B-2 5 1/2	SOIL	23-FEB-95
11	B-3 4	SOIL	23-FEB-95
12	B-3 5 1/2	SOIL	23-FEB-95
13	B-4 4'	SOIL	23-FEB-95
14	B-4 5 1/2	SOIL	23-FEB-95
15	B-5 4'	SOIL	23-FEB-95
16	B-5 5 1/2	SOIL	23-FEB-95
17	B-6 2 1/2	SOIL	24-FEB-95
18	B-6 4	SOIL	24-FEB-95
19	B-6 5 1/2	SOIL	24-FEB-95
20	B-6 7	SOIL	24-FEB-95

---TOTALS---

Matrix	# Samples
SOIL	18
WATER	2

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

ANALYTICAL SCHEDULE

Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D.: 502303

Analysis	Technique/Description
EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)	GC/PHOTO IONIZATION DETECTOR
MOD EPA 8015-CDOHS (FUEL HYDROCARBONS: C6-C24)	GC/FLAME IONIZATION DETECTOR
MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30)	GC/FLAME IONIZATION DETECTOR

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	B1-A	WATER	24-FEB-95	N/A	06-MAR-95	1.00
2	TRIP	WATER	24-FEB-95	N/A	04-MAR-95	1.00

Parameter	Units	1	2
BENZENE	UG/L	<0.50	<0.50
TOLUENE	UG/L	<0.50	<0.50
ETHYLBENZENE	UG/L	<0.50	<0.50
XYLENES (TOTAL)	UG/L	<1.0	<1.0
SURROGATES			
TRIFLUOROTOLUENE	%	91	96

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
	B-1 2 1/2	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00
4	B-1 4	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00
5	B-1 5 1/2	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00

Parameter	Units	3	4	5
BENZENE	MG/KG	<0.025	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025	<0.025
ETHYLBENZENE	MG/KG	0.14@E	0.11@E	<0.025
XYLENES (TOTAL)	MG/KG	0.20@E	0.20@E	<0.050
SURROGATES				
TRIFLUOROTOLUENE	%	104	118	108

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
6	B-1 7	SOIL	23-FEB-95	28-FEB-95	01-MAR-95	1.00
7	B-1 10	SOIL	23-FEB-95	28-FEB-95	01-MAR-95	1.00
8	B-1 11 1/2	SOIL	23-FEB-95	28-FEB-95	01-MAR-95	1.00

Parameter	Units	6	7	8
BENZENE	MG/KG	<0.025	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	<0.025	<0.025
XYLENES (TOTAL)	MG/KG	<0.050	<0.050	<0.050
SURROGATES				
TRIFLUOROTOLUENE	%	104	87	111

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
9	B-2 4	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
10	B-2 5 1/2	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
11	B-3 4	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00

Parameter	Units	9	10	11
BENZENE	MG/KG	<0.025	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	<0.025	<0.025
XYLENES (TOTAL)	MG/KG	<0.050	<0.050	<0.050
SURROGATES				
TRIFLUOROTOLUENE	%	81	100	110

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
12	B-3 5 1/2	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00
13	B-4 4'	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
14	B-4 5 1/2	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00

Parameter	Units	12	13	14
BENZENE	MG/KG	<0.025	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	<0.025	<0.025
XYLENES (TOTAL)	MG/KG	<0.050	<0.050	<0.050
SURROGATES				
TRIFLUOROTOLUENE	%	99	99	102

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
15	B-5 4'	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
16	B-5 5 1/2	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
17	B-6 2 1/2	SOIL	24-FEB-95	28-FEB-95	03-MAR-95	1.00

Parameter	Units	15	16	17
BENZENE	MG/KG	<0.025	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	<0.025	<0.025
XYLENES (TOTAL)	MG/KG	<0.050	<0.050	<0.050
SURROGATES				
TRIFLUOROTOLUENE	%	94	93	98

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
18	B-6 4	SOIL	24-FEB-95	28-FEB-95	02-MAR-95	1.00
19	B-6 5 1/2	SOIL	24-FEB-95	28-FEB-95	03-MAR-95	1.00
20	B-6 7	SOIL	24-FEB-95	28-FEB-95	03-MAR-95	1.00

Parameter	Units	18	19	20
BENZENE	MG/KG	<0.025	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	0.033@E	<0.025
XYLENES (TOTAL)	MG/KG	<0.050	<0.050	<0.050
SURROGATES				
TRIFLUOROTOLUENE	%	84	100	97

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank I.D. : 34534
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 01-MAR-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
XYLENES (TOTAL)	MG/KG	<0.050
SURROGATES		
TRIFLUOROTOLUENE	%	97

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank I.D. : 34561
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: N/A
Date Analyzed : 06-MAR-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	UG/L	<0.50
TOLUENE	UG/L	<0.50
ETHYLBENZENE	UG/L	<0.50
XYLENES (TOTAL)	UG/L	<1.0
SURROGATES		
TRIFLUOROTOLUENE	%	92

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank I.D. : 34562
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: N/A
Date Analyzed : 04-MAR-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	UG/L	<0.50
TOLUENE	UG/L	<0.50
ETHYLBENZENE	UG/L	<0.50
XYLENES (TOTAL)	UG/L	<1.0
SURROGATES		
TRIFLUOROTOLUENE	%	98

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
MSMSD # : 73569
Client : INDUSTRIAL COMPLIANCE

Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 02-MAR-95
Sample Matrix : SOIL
REF I.D. : 502303-20

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
BENZENE	MG/KG	<0.025	0.50	0.40	80	0.38	76	5
TOLUENE	MG/KG	<0.025	0.50	0.42	84	0.39	78	7

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
MSMSD # : 73607
Client : INDUSTRIAL COMPLIANCE

Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: N/A
Date Analyzed : 06-MAR-95
Sample Matrix : WATER
REF I.D. : 502303-01

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
BENZENE	UG/L	<0.50	5.0	4.4	88	4.7	94	7
TOLUENE	UG/L	<0.50	5.0	4.4	88	4.5	90	2

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank Spike #: 54882
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name : LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 02-MAR-95
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	MG/KG	<0.025	0.48	0.50	96
TOLUENE	MG/KG	<0.025	0.47	0.50	94

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank Spike #: 54908
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name : LANCASTER

ATI I.D. : 502303
Date Extracted: N/A
Date Analyzed : 06-MAR-95
Sample Matrix : WATER

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	UG/L	<0.50	4.7	5.0	94
TOLUENE	UG/L	<0.50	4.6	5.0	92

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank Spike #: 54909
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name : LANCASTER

ATI I.D. : 502303
Date Extracted: N/A
Date Analyzed : 04-MAR-95
Sample Matrix : WATER

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	UG/L	<0.50	4.6	5.0	92
TOLUENE	UG/L	<0.50	4.5	5.0	90

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30)
Client : INDUSTRIAL COMPLIANCE ATI I.D. : 502303
Project # : 05100695
Project Name: LANCASTER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	B1-A	WATER	24-FEB-95	28-FEB-95	02-MAR-95	1.00
2	TRIP	WATER	24-FEB-95	28-FEB-95	02-MAR-95	1.00

Parameter	Units	1	2
FUEL HYDROCARBONS	MG/L	3.2	<0.50
HYDROCARBON RANGE		C10-C24+	-
HYDROCARBONS QUANTITATED USING		DIESEL	-
SURROGATES			
BIS(2-ETHYLHEXYL)PHTHALATE	%	41*H	105

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

Method : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30) WATER
Client : INDUSTRIAL COMPLIANCE ATI I.D.: 502303
Project # : 05100695
Project Name: LANCASTER

Sample	Parameters	Units	Results
1	SEE ATTACHED	N/A	0.0

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
3	B-1 2 1/2	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	20.00
4	B-1 4	SOIL	23-FEB-95	28-FEB-95	04-MAR-95	20.00
5	B-1 5 1/2	SOIL	23-FEB-95	28-FEB-95	04-MAR-95	1.00

Parameter	Units	3	4	5
FUEL HYDROCARBONS	MG/KG	4500	4000	580
HYDROCARBON RANGE		C10-C24+	C10-C24+	C8-C24+
HYDROCARBONS QUANTITATED USING		DIESEL	DIESEL	DIESEL
SURROGATES				
BIS(2-ETHYLHEXYL)PHTHALATE	%	N/A*K	N/A*K	92

Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

Method : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30) SOIL
Client : INDUSTRIAL COMPLIANCE ATI I.D.: 502303
Project # : 05100695
Project Name: LANCASTER

Sample	Parameters	Units	Results
3	SEE ATTACHED	N/A	0.0

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30)
Client : INDUSTRIAL COMPLIANCE ATI I.D. : 502303
Project # : 05100695
Project Name: LANCASTER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
6	B-1 7	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00
7	B-1 10	SOIL	23-FEB-95	28-FEB-95	04-MAR-95	1.00
8	B-1 11 1/2	SOIL	23-FEB-95	28-FEB-95	01-MAR-95	1.00

Parameter	Units	6	7	8
FUEL HYDROCARBONS	MG/KG	180	660	<5.0
HYDROCARBON RANGE		C10-C24+	C8-C24+	-
HYDROCARBONS QUANTITATED USING		DIESEL	DIESEL	-
SURROGATES				
BIS(2-ETHYLHEXYL)PHTHALATE	%	97	96	102

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS: C6-C24)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
9	B-2 4	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	20.00
10	B-2 5 1/2	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
11	B-3 4	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00

Parameter	Units	9	10	11
FUEL HYDROCARBONS	MG/KG	1400	<5.0	<5.0
HYDROCARBON RANGE		C10-C24+	-	-
HYDROCARBONS QUANTITATED USING		DIESEL	-	-
SURROGATES				
BIS(2-ETHYLHEXYL)PHTHALATE	%	N/A*K	99	98

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS: C6-C24)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
12	B-3 5 1/2	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
13	B-4 4'	SOIL	23-FEB-95	28-FEB-95	02-MAR-95	1.00
14	B-4 5 1/2	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00

Parameter	Units	12	13	14
FUEL HYDROCARBONS	MG/KG	<5.0	<5.0	<5.0
HYDROCARBON RANGE		-	-	-
HYDROCARBONS QUANTITATED USING		-	-	-
SURROGATES				
BIS(2-ETHYLHEXYL)PHTHALATE	%	100	102	104

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS: C6-C24)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
15	B-5 4'	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00
16	B-5 5 1/2	SOIL	23-FEB-95	28-FEB-95	03-MAR-95	1.00
17	B-6 2 1/2	SOIL	24-FEB-95	28-FEB-95	04-MAR-95	1.00

Parameter	Units	15	16	17
FUEL HYDROCARBONS	MG/KG	<5.0	<5.0	87
HYDROCARBON RANGE		-	-	C10-C24+
HYDROCARBONS QUANTITATED USING		-	-	DIESEL
SURROGATES				
BIS(2-ETHYLHEXYL)PHTHALATE	%	106	102	125

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

Method : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30) SOIL
Client : INDUSTRIAL COMPLIANCE ATI I.D.: 502303
Project # : 05100695
Project Name: LANCASTER

Sample	Parameters	Units	Results
17	SEE ATTACHED	N/A	0.0

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA8015-CDOHS(FUEL HYDROCARB/N-ALKANES C6-C30)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER
ATI I.D. : 502303

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
18	B-6 4	SOIL	24-FEB-95	28-FEB-95	03-MAR-95	1.00
19	B-6 5 1/2	SOIL	24-FEB-95	28-FEB-95	06-MAR-95	20.00
20	B-6 7	SOIL	24-FEB-95	28-FEB-95	03-MAR-95	1.00

Parameter	Units	18	19	20
FUEL HYDROCARBONS	MG/KG	420	2400	560
HYDROCARBON RANGE		C8-C24+	C10-C24+	C8-C24+
HYDROCARBONS QUANTITATED USING		DIESEL	DIESEL	DIESEL
SURROGATES				
BIS(2-ETHYLHEXYL)PHTHALATE	%	95	N/A*K	89

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank I.D. : 34503
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 28-FEB-95
Dil. Factor : 1.00

Parameters	Units	Results
FUEL HYDROCARBONS	MG/L	<0.50
HYDROCARBON RANGE		-
HYDROCARBONS QUANTITATED USING		-
SURROGATES		
BIS(2-ETHYLHEXYL)PHTHALATE	%	103

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank I.D. : 34564
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 01-MAR-95
Dil. Factor : 1.00

Parameters	Units	Results
FUEL HYDROCARBONS	MG/KG	<5.0
HYDROCARBON RANGE		-
HYDROCARBONS QUANTITATED USING		-
SURROGATES		
BIS(2-ETHYLHEXYL)PHTHALATE	%	101

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
MSMSD # : 73466
Client : INDUSTRIAL COMPLIANCE

Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 28-FEB-95
Sample Matrix : WATER
REF I.D. : REAGENT WATER

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
FUEL HYDROCARBONS	MG/L	<0.50	10	9.6	96	9.4	94	2

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
MSMSD # : 73612
Client : INDUSTRIAL COMPLIANCE

Project # : 05100695
Project Name: LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 03-MAR-95
Sample Matrix : SOIL
REF I.D. : 502303-20

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
FUEL HYDROCARBONS	MG/KG	560	100	380	0	410	0	8

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank Spike #: 54804
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name : LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 28-FEB-95
Sample Matrix : WATER

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
FUEL HYDROCARBONS	MG/L	<0.50	9.6	10	96

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank Spike #: 54912
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name : LANCASTER

ATI I.D. : 502303
Date Extracted: 28-FEB-95
Date Analyzed : 01-MAR-95
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
FUEL HYDROCARBONS	MG/KG	<5.0	87	100	87

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

AMENDED REPORT

Analytical**Technologies,** Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D.: 503106

July 10, 1995

INDUSTRIAL COMPLIANCE
1327 5TH STREET
OAKLAND, CA 94607

Project Name: 400 LANCASTER ST.
Project # : 05100695

Attention: CARL TAYLOR

Analytical Technologies, Inc. has received the following sample(s):

Date Received	Quantity	Matrix
March 09, 1995	1	SOIL

The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. If any flags appear next to the analytical data in this report, please see the attached list of flag definitions.

The results of these analyses and the quality control data are enclosed. Please note that the Sample Condition Upon Receipt Checklist is included at the end of this report.

Please note that this is an amended report. The original report incorrectly listed the sample description. The sample description has been corrected to read B-2-7.

ANN FREED
PROJECT MANAGER

ALAN J. KLEINSCHMIDT
LABORATORY MANAGER

Analytical Technologies, Inc.

SAMPLE CROSS REFERENCE

Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: 400 LANCASTER ST.

Report Date: July 10, 1995
ATI I.D. : 503106

ATI #	Client Description	Matrix	Date Collected
1	B-2-7	SOIL	23-FEB-95

---TOTALS---

Matrix	# Samples
SOIL	1

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: 400 LANCASTER ST.

ATI I.D.: 503106

Analysis	Technique/Description
EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)	GC/PHOTO IONIZATION DETECTOR
MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)	GC/FLAME IONIZATION DETECTOR

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Client : INDUSTRIAL COMPLIANCE ATI I.D. : 503106
Project # : 05100695
Project Name: 400 LANCASTER ST.

Sample Client ID #	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
B-2-7	SOIL	23-FEB-95	09-MAR-95	09-MAR-95	1.00

Parameter	Units	1
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
XYLENES (TOTAL)	MG/KG	<0.050
SURROGATES		
TRIFLUOROTOLUENE	%	93

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank I.D. : 34594
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: 400 LANCASTER ST.

ATI I.D. : 503106
Date Extracted: 09-MAR-95
Date Analyzed : 09-MAR-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
XYLENES (TOTAL)	MG/KG	<0.050
SURROGATES		
TRIFLUOROTOLUENE	%	83

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
MSMSD # : 73771
Client : INDUSTRIAL COMPLIANCE

Project # : 05100695
Project Name: 400 LANCASTER ST.

ATI I.D. : 503106
Date Extracted: 09-MAR-95
Date Analyzed : 09-MAR-95
Sample Matrix : SOIL
REF I.D. : 503106-01

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
BENZENE	MG/KG	<0.025	0.50	0.42	84	0.44	88	5
TOLUENE	MG/KG	<0.025	0.50	0.41	82	0.44	88	7

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8020 (BENZENE, TOLUENE, ETHYLBENZENE, XYLENES)
Blank Spike #: 54998
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name : 400 LANCASTER ST.

ATI I.D. : 503106
Date Extracted: 09-MAR-95
Date Analyzed : 09-MAR-95
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	MG/KG	<0.025	0.48	0.50	96
TOLUENE	MG/KG	<0.025	0.48	0.50	96

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: 400 LANCASTER ST.

ATI I.D. : 503106

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	B-2-7	SOIL	23-FEB-95	09-MAR-95	09-MAR-95	1.00

Parameter	Units	1
FUEL HYDROCARBONS	MG/KG	<5.0
HYDROCARBON RANGE		C6-C14
HYDROCARBONS QUANTITATED USING		GASOLINE
FUEL HYDROCARBONS (SECOND RANGE)	MG/KG	<5.0
HYDROCARBON RANGE (2ND)		C15-C24
HYDROCARBONS QUANTITATED USING (2ND)		DIESEL
SURROGATES		
BIS(2-ETHYLHEXYL)PHTHALATE	%	102

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank I.D. : 34595
Client : INDUSTRIAL COMPLIANCE
Project # : 05100695
Project Name: 400 LANCASTER ST.

ATI I.D. : 503106
Date Extracted: 09-MAR-95
Date Analyzed : 09-MAR-95
Dil. Factor : 1.00

Parameters	Units	Results
FUEL HYDROCARBONS	MG/KG	<5.0
HYDROCARBON RANGE		C6-C14
HYDROCARBONS QUANTITATED USING		GASOLINE
FUEL HYDROCARBONS (SECOND RANGE)	MG/KG	<5.0
HYDROCARBON RANGE (2ND)		C15-C24
HYDROCARBONS QUANTITATED USING (2ND)		DIESEL
SURROGATES		
BIS(2-ETHYLHEXYL)PHTHALATE	%	101

Analytical**Technologies,** Inc. Corporate Offices: 5550 Morehouse Drive San Diego CA 92121 (619) 458-9141

ATI I.D.: 502303
503106

July 10, 1995

Mr. John Cavanaugh
Industrial Compliance
1357 5th Street
Oakland, CA 94607

Re: The Lancaster Project
Project # 05100695

John:

Enclosed please find revisions to the above listed project. The following changes have been made:

ATI I.D.: 502203

1. 8015B report recalculated with current format (Simulated Distillation).
2. A diesel standard has been included for reference.
3. Please note that the Practical Quantitation Limit for Motor Oil is 2.0 mg/L for waters and 20 mg/kg for soils. This information is not listed on the forms.

ATI I.D.: 503106

1. Corrected sample description (B-2-7)

Please note that we were unable to recalculate this data using our current format. Data results were found to be below detection limit for the sample.

Should you have any questions regarding these changes, please call us at 619-458-9141.

Sincerely,

ANALYTICAL TECHNOLOGIES, INC.

Ann Freed
Project Manager

Client: ATI

Client Descript.: 100PPM DIESEL STD

Matrix SOLVENT

ATI Sample Number 0

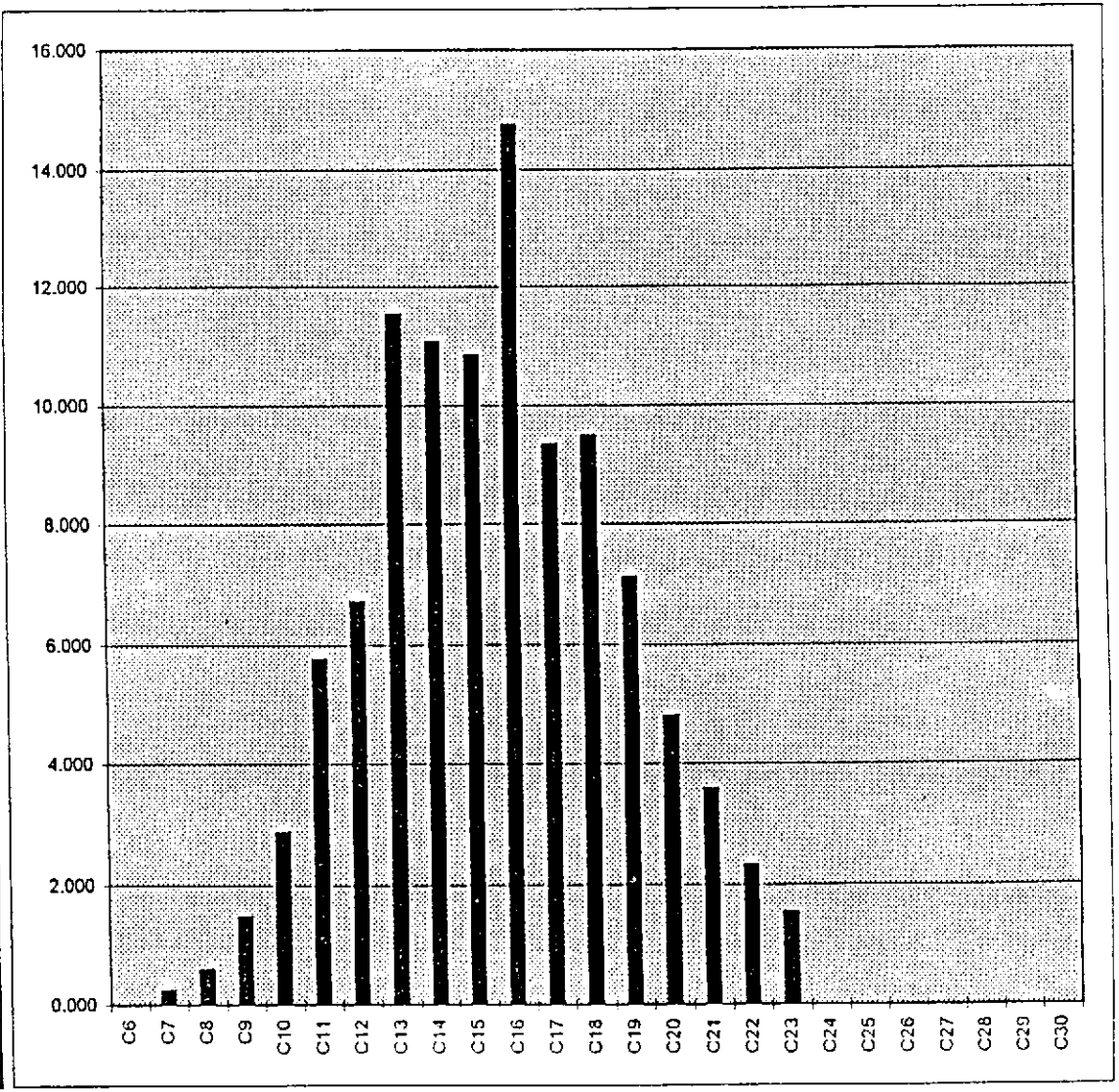
Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 5-Jun-95
ATI Data Filename: 2060504
Pract. Quant. Limit 1.0 mg/Kg
Comment:

FINAL RESULTS:

104.13 mg/Kg Diesel quantitated between C7 and C24

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.000	0.0%	0.0%
C7	0.256	0.2%	0.2%
C8	0.605	0.6%	0.8%
C9	1.483	1.4%	2.2%
C10	2.880	2.8%	5.0%
C11	5.772	5.5%	10.6%
C12	6.739	6.5%	17.0%
C13	11.542	11.1%	28.1%
C14	11.061	10.6%	38.7%
C15	10.836	10.4%	49.1%
C16	14.751	14.2%	63.3%
C17	9.340	9.0%	72.3%
C18	9.486	9.1%	81.4%
C19	7.135	6.8%	88.2%
C20	4.825	4.6%	92.8%
C21	3.577	3.4%	96.3%
C22	2.338	2.2%	98.5%
C23	1.546	1.5%	100.0%
C24	0.000	0.0%	100.0%
C25	0.000	0.0%	100.0%
C26	0.000	0.0%	100.0%
C27	0.000	0.0%	100.0%
C28	0.000	0.0%	100.0%
C29	0.000	0.0%	100.0%
C30	0.000	0.0%	100.0%
Totals:	104.17	100.0%	



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: ATI

Client Descript.: 100PPM DIESEL STD

Matrix SOLVENT

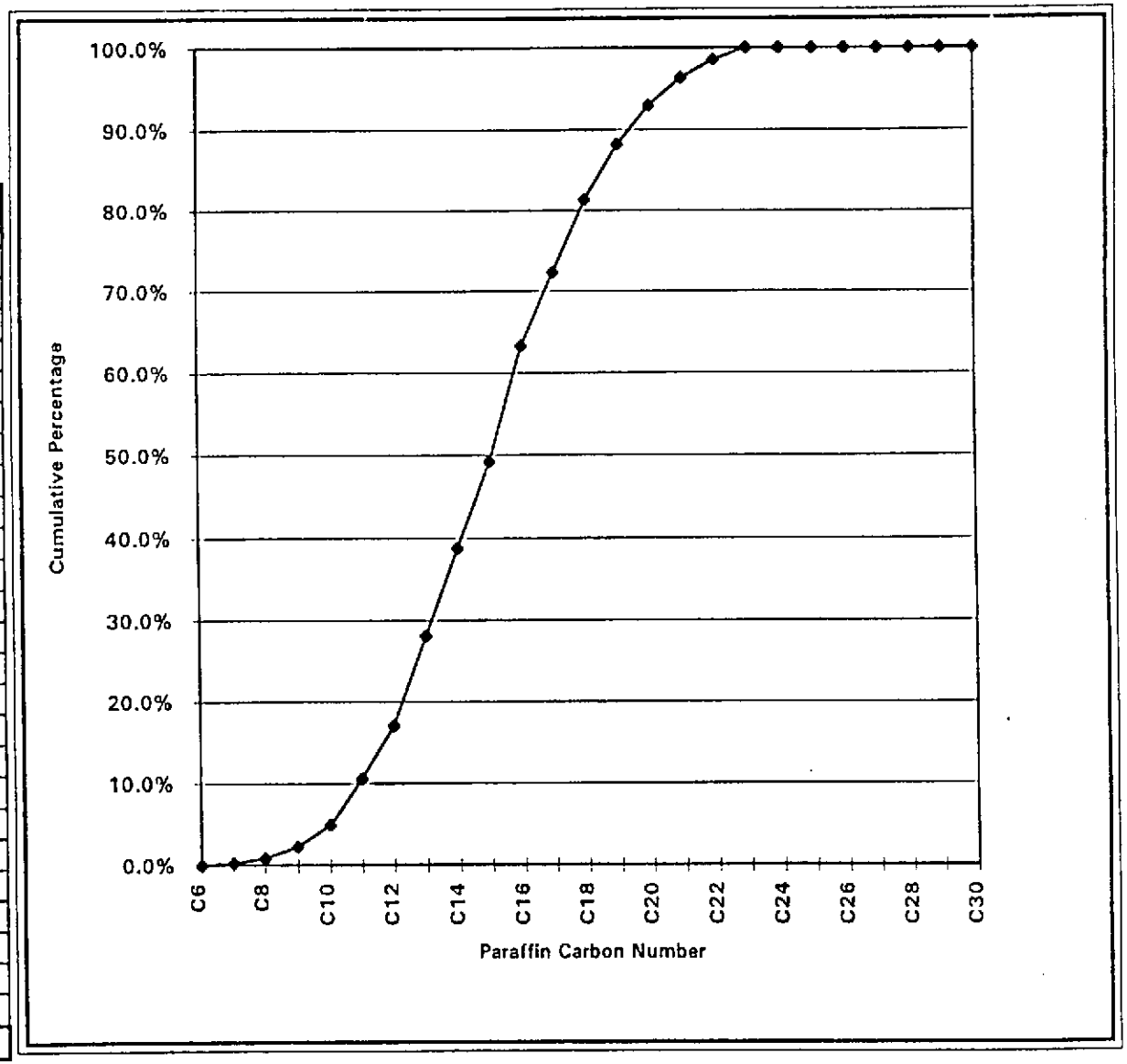
TI Sample Number 0

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 5-Jun-95
ATI Data Filename: 2060504
Pract. Quant. Limit 1.0 mg/Kg
Comment:

Results: 104.13 mg/Kg Diesel quantitated between C7 and C24

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.0	0.0%	0.0%
C7	0.3	0.2%	0.2%
C8	0.6	0.6%	0.8%
C9	1.5	1.4%	2.2%
C10	2.9	2.8%	5.0%
C11	5.8	5.5%	10.6%
C12	6.7	6.5%	17.0%
C13	11.5	11.1%	28.1%
C14	11.1	10.6%	38.7%
C15	10.8	10.4%	49.1%
C16	14.8	14.2%	63.3%
C17	9.3	9.0%	72.3%
C18	9.5	9.1%	81.4%
C19	7.1	6.8%	88.2%
C20	4.8	4.6%	92.8%
C21	3.6	3.4%	96.3%
C22	2.3	2.2%	98.5%
C23	1.5	1.5%	100.0%
C24	0.0	0.0%	100.0%
C25	0.0	0.0%	100.0%
C26	0.0	0.0%	100.0%
C27	0.0	0.0%	100.0%
C28	0.0	0.0%	100.0%
C29	0.0	0.0%	100.0%
C30	0.0	0.0%	100.0%
Totals:	104.17	100.0%	

Graph of Cumulative Percent by Paraffin Range



[redacted]ytic[redacted]chn[redacted]les, [redacted] 5[redacted]Mor[redacted]se [redacted]San[redacted]go, [redacted]21[redacted]619[redacted]8-9[redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B1 -A

Matrix WATER

ATI Sample Number 502303-01A 2/28

Amount Ext'd: 30.0 ml
Extract Vol: 3.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030117
Pract. Quant. Limit 0.50 mg/L
Comment:

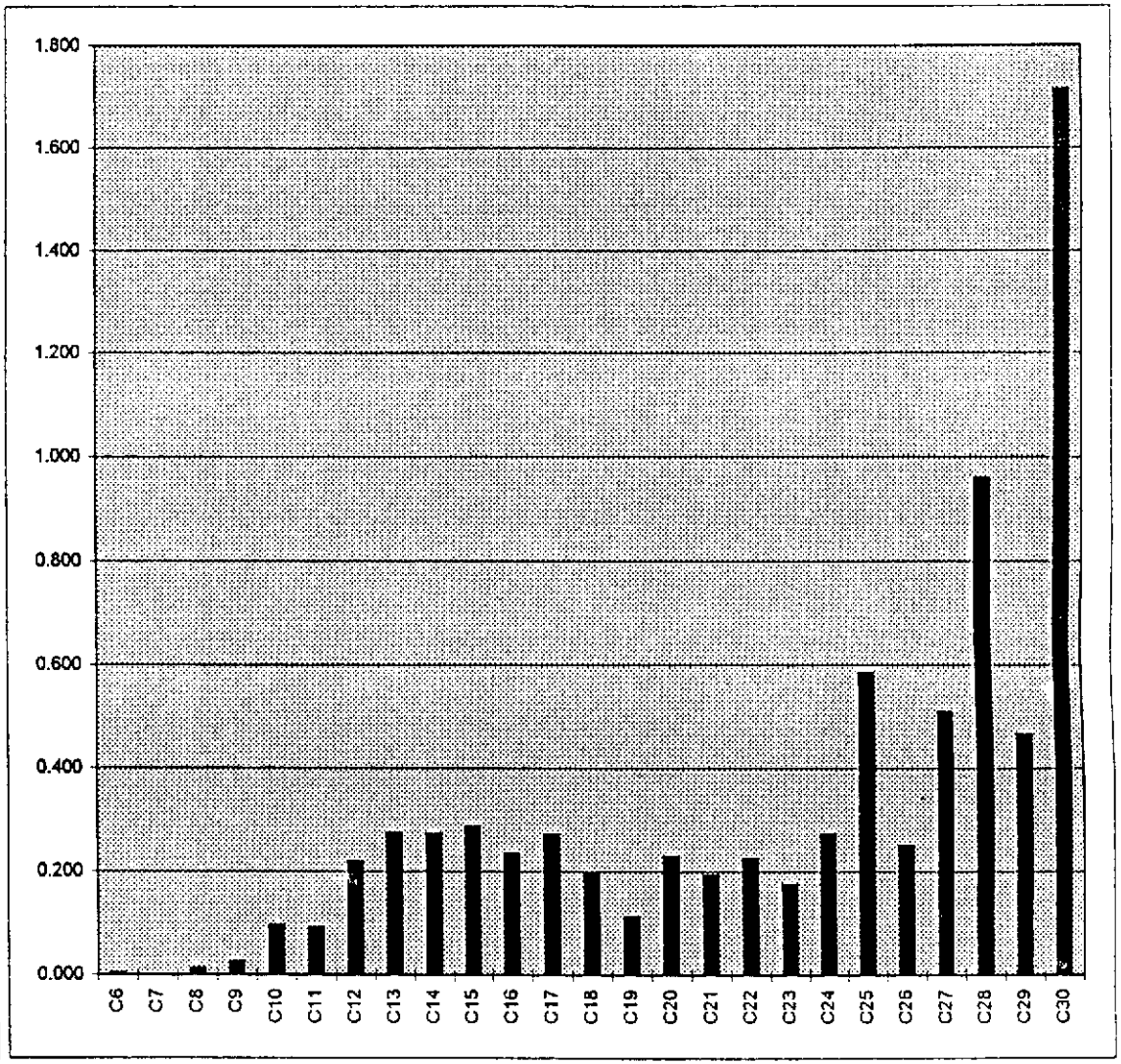
FINAL RESULTS:

3.24 mg/L Diesel quantitated between C6 and C25

4.45 mg/L Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.003	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.013	0.2%	0.2%
C9	0.027	0.3%	0.6%
C10	0.098	1.3%	1.8%
C11	0.093	1.2%	3.0%
C12	0.219	2.9%	5.9%
C13	0.274	3.6%	9.5%
C14	0.273	3.5%	13.0%
C15	0.286	3.7%	16.7%
C16	0.235	3.1%	19.8%
C17	0.272	3.5%	23.3%
C18	0.199	2.6%	25.9%
C19	0.114	1.5%	27.4%
C20	0.230	3.0%	30.4%
C21	0.193	2.5%	32.9%
C22	0.226	2.9%	35.8%
C23	0.175	2.3%	38.1%
C24	0.272	3.5%	41.6%
C25	0.587	7.6%	49.3%
C26	0.249	3.2%	52.5%
C27	0.511	6.6%	59.2%
C28	0.961	12.5%	71.7%
C29	0.465	6.1%	77.7%
C30	1.714	22.3%	100.0%
Totals:	7.69	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/L.



[redacted] [redacted] [redacted]nal [redacted]l Te[redacted]olog[redacted]Inc.[redacted]50[redacted]eho[redacted]Dr.[redacted]n Di[redacted]CA[redacted]21 [redacted]9) 458-9144[redacted] [redacted] [redacted] [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B1 -A

Matrix WATER

TI Sample Number 502303-01A 2/28

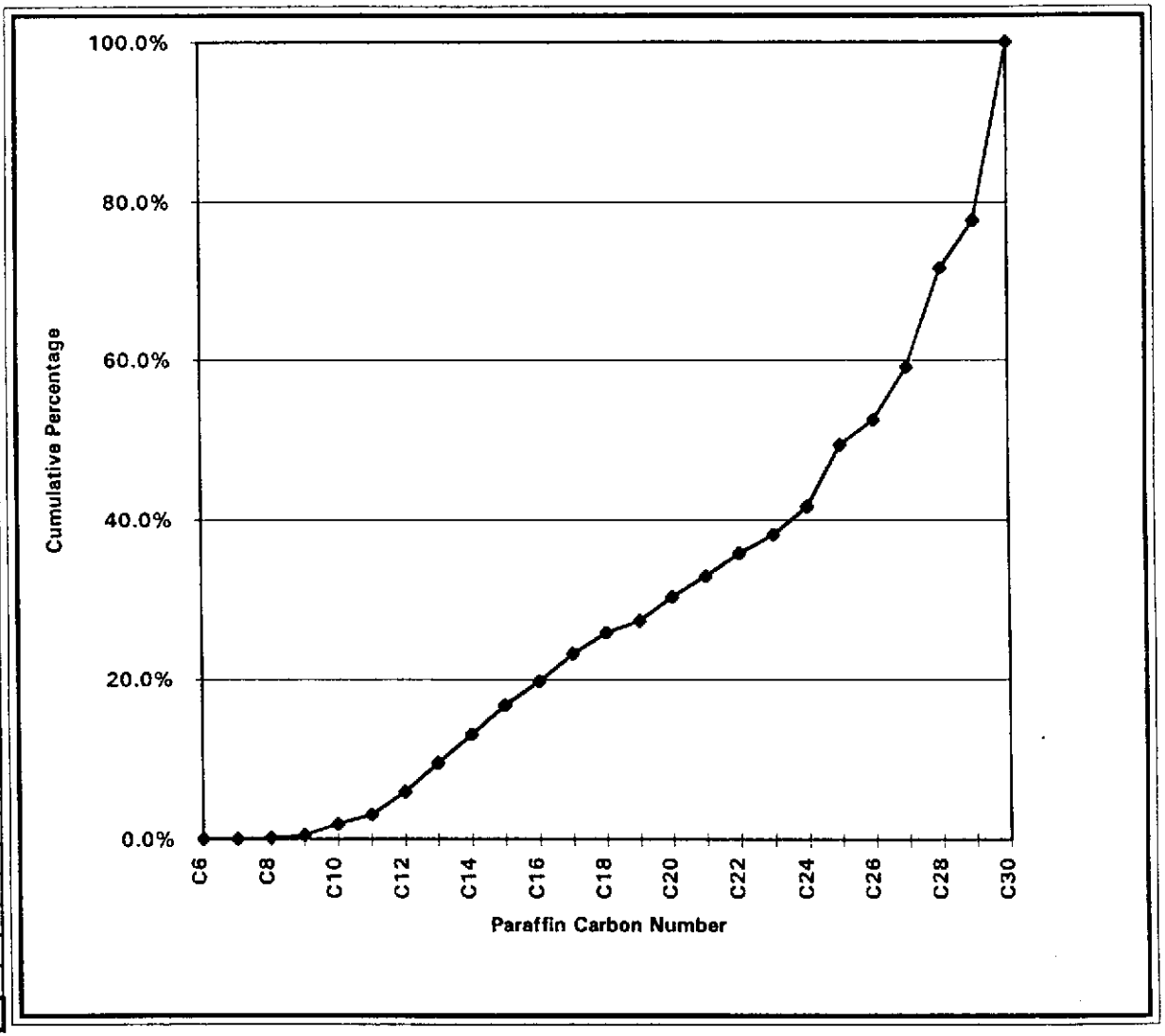
Amount Ext'd: 30.0 ml
Extract Vol: 3.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030117
Pract. Quant. Limit 0.50 mg/L
Comment:

Results: **3.24 mg/L Diesel quantitated between C6 and C25**

4.45 mg/L Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/L	Percent of Total	Cum. Percent
C6	0.0	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.2%	0.2%
C9	0.0	0.3%	0.6%
C10	0.1	1.3%	1.8%
C11	0.1	1.2%	3.0%
C12	0.2	2.9%	5.9%
C13	0.3	3.6%	9.5%
C14	0.3	3.5%	13.0%
C15	0.3	3.7%	16.7%
C16	0.2	3.1%	19.8%
C17	0.3	3.5%	23.3%
C18	0.2	2.6%	25.9%
C19	0.1	1.5%	27.4%
C20	0.2	3.0%	30.4%
C21	0.2	2.5%	32.9%
C22	0.2	2.9%	35.8%
C23	0.2	2.3%	38.1%
C24	0.3	3.5%	41.6%
C25	0.6	7.6%	49.3%
C26	0.2	3.2%	52.5%
C27	0.5	6.6%	59.2%
C28	1.0	12.5%	71.7%
C29	0.5	6.1%	77.7%
C30	1.7	22.3%	100.0%
Totals:	7.69	100.0%	

Graph of Cumulative Percent by Paraffin Range



[redacted]ytic[redacted]echn[redacted]ies, [redacted] 5[redacted]Mor[redacted]use [redacted] San[redacted]go, [redacted]921[redacted]619[redacted]8-9[redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: TRIP

Matrix WATER

ATI Sample Number 502303-02A 2/28

Amount Ext'd: 30.0 ml
Extract Vol: 3.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030110
Pract. Quant. Limit 0.50 mg/L
Comment:

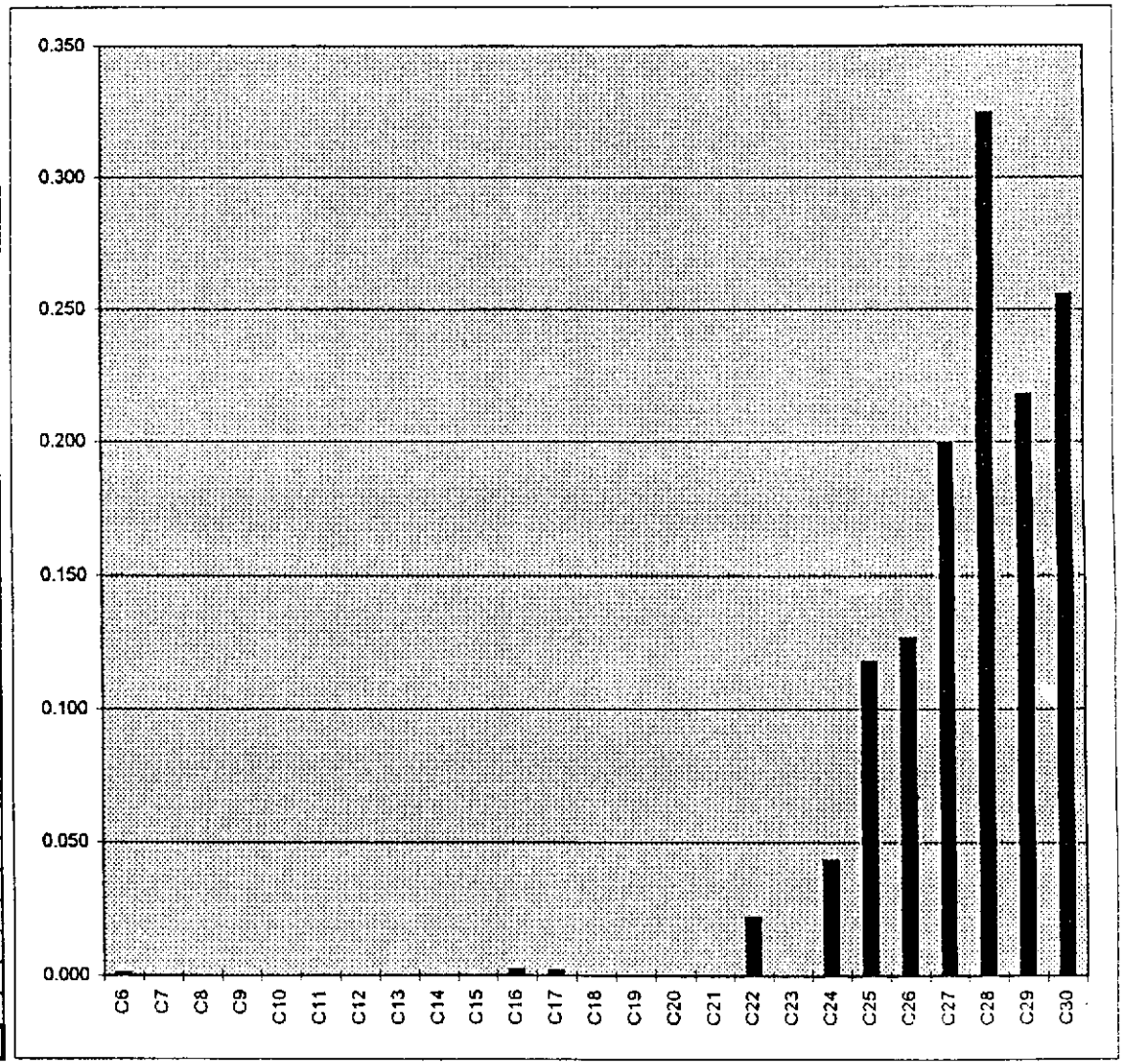
FINAL RESULTS:

0.09 mg/L Diesel quantitated between C6 and C25

1.23 mg/L Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/L.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.001	0.1%	0.1%
C7	0.000	0.0%	0.1%
C8	0.000	0.0%	0.1%
C9	0.000	0.0%	0.1%
C10	0.000	0.0%	0.1%
C11	0.000	0.0%	0.1%
C12	0.000	0.0%	0.1%
C13	0.000	0.0%	0.1%
C14	0.000	0.0%	0.1%
C15	0.000	0.0%	0.1%
C16	0.003	0.2%	0.3%
C17	0.002	0.1%	0.4%
C18	0.000	0.0%	0.4%
C19	0.000	0.0%	0.4%
C20	0.000	0.0%	0.4%
C21	0.000	0.0%	0.4%
C22	0.022	1.7%	2.1%
C23	0.000	0.0%	2.1%
C24	0.043	3.3%	5.4%
C25	0.118	9.0%	14.4%
C26	0.127	9.6%	24.0%
C27	0.200	15.2%	39.2%
C28	0.325	24.7%	63.9%
C29	0.218	16.6%	80.5%
C30	0.256	19.5%	100.0%
Totals:	1.31	100.0%	



[redacted] Client: INDUSTRIAL COMPLIANCE [redacted] Results: 0.0 [redacted] mg/L [redacted] el q[redacted]itat[redacted]etw[redacted]C6 [redacted]C25[redacted] [redacted] [redacted]

Client Descript.: TRIP

1.23 mg/L Motor Oil quantitated between C25 and C30

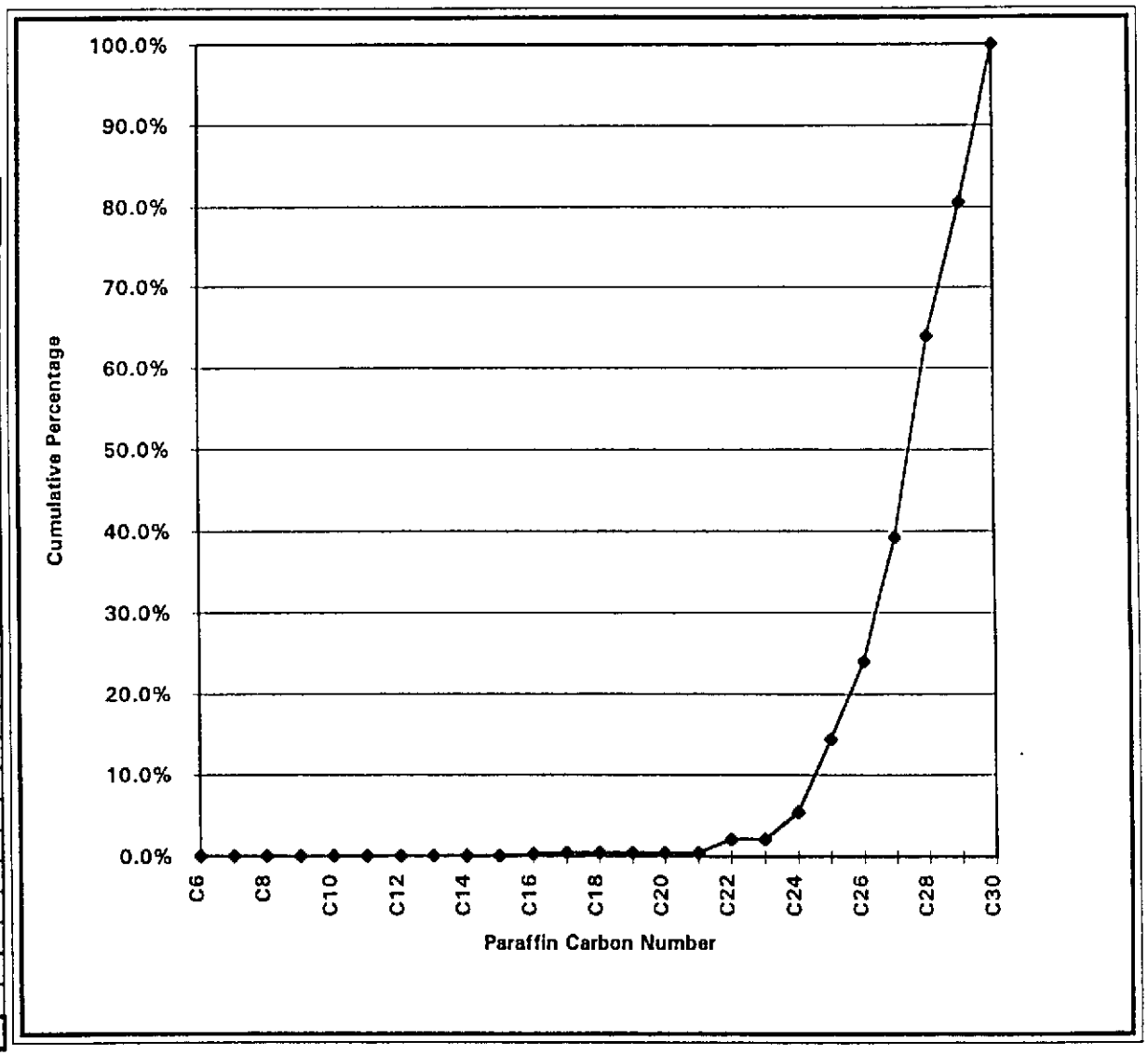
Matrix WATER

TI Sample Number 502303-02A 2/28

Amount Ext'd: 30.0 ml
Extract Vol: 3.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030110
Pract. Quant. Limit 0.50 mg/L
Comment:

Paraffin Range	Fuel mg/L	Percent of Total	Cum. Percent
C6	0.0	0.1%	0.1%
C7	0.0	0.0%	0.1%
C8	0.0	0.0%	0.1%
C9	0.0	0.0%	0.1%
C10	0.0	0.0%	0.1%
C11	0.0	0.0%	0.1%
C12	0.0	0.0%	0.1%
C13	0.0	0.0%	0.1%
C14	0.0	0.0%	0.1%
C15	0.0	0.0%	0.1%
C16	0.0	0.2%	0.3%
C17	0.0	0.1%	0.4%
C18	0.0	0.0%	0.4%
C19	0.0	0.0%	0.4%
C20	0.0	0.0%	0.4%
C21	0.0	0.0%	0.4%
C22	0.0	1.7%	2.1%
C23	0.0	0.0%	2.1%
C24	0.0	3.3%	5.4%
C25	0.1	9.0%	14.4%
C26	0.1	9.6%	24.0%
C27	0.2	15.2%	39.2%
C28	0.3	24.7%	63.9%
C29	0.2	16.6%	80.5%
C30	0.3	19.5%	100.0%
Totals:	1.31	100.0%	

Graph of Cumulative Percent by Paraffin Range



[redacted] Analytical [redacted] Technologies, [redacted] 55[redacted] Mor[redacted]se D[redacted] San[redacted]go, [redacted] 21[redacted] 619[redacted] 8-9[redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 2 1/2

Matrix SOIL

ATI Sample Number 502303-03N 2/28 X20

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 20
Date of Analysis 3-Mar-95
ATI Data Filename: 3030307
Pract. Quant. Limit 100.00 mg/Kg
Comment:

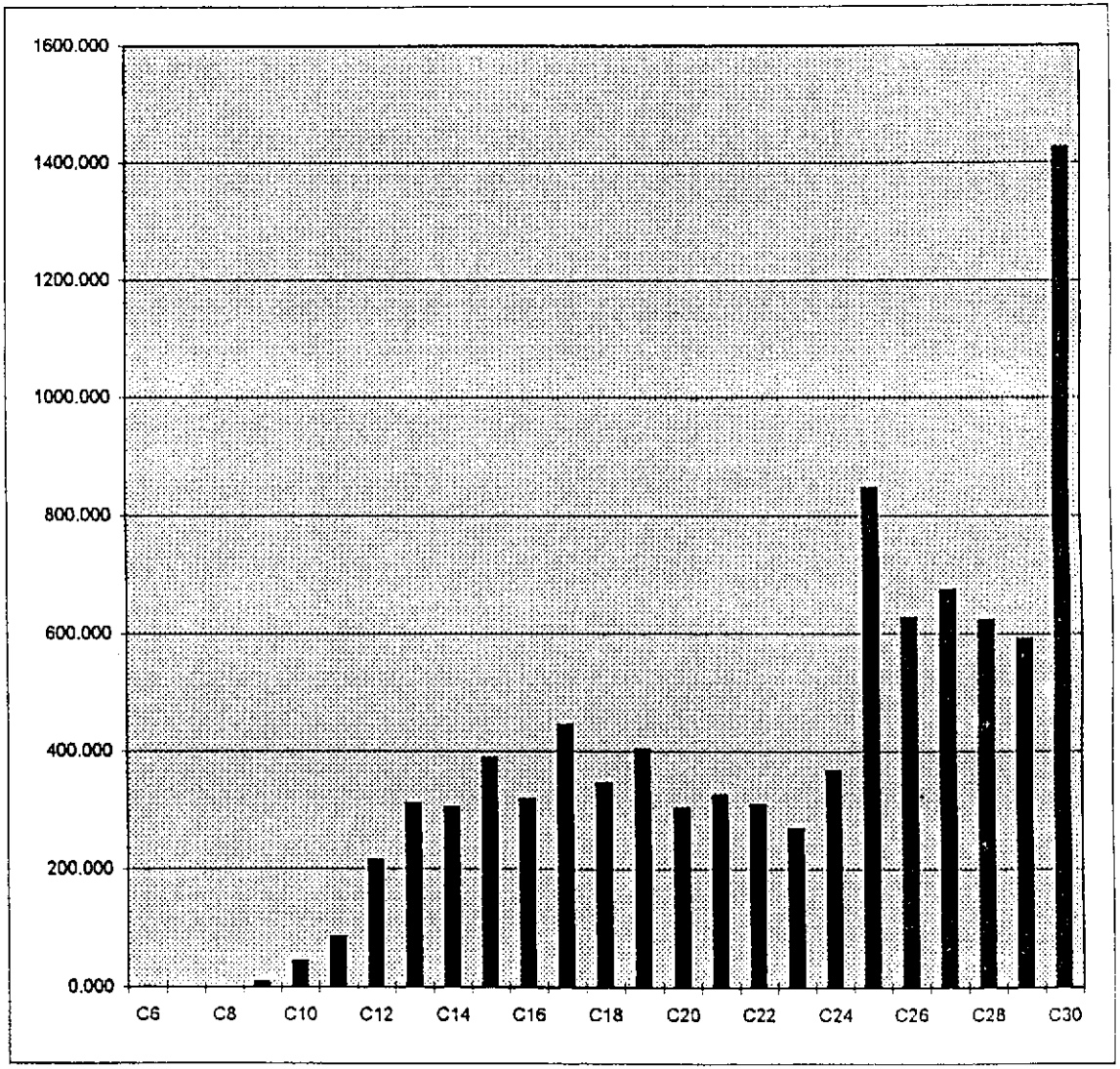
FINAL RESULTS:

4526.58 mg/Kg Diesel quantitated between C6 and C25

4722.19 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	1.447	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	9.770	0.1%	0.1%
C10	45.130	0.5%	0.6%
C11	85.101	0.9%	1.5%
C12	215.407	2.3%	3.9%
C13	311.239	3.4%	7.2%
C14	304.325	3.3%	10.5%
C15	389.442	4.2%	14.7%
C16	319.150	3.5%	18.2%
C17	446.217	4.8%	23.0%
C18	346.311	3.7%	26.7%
C19	404.375	4.4%	31.1%
C20	303.835	3.3%	34.4%
C21	326.191	3.5%	37.9%
C22	310.411	3.4%	41.3%
C23	268.982	2.9%	44.2%
C24	367.451	4.0%	48.2%
C25	847.054	9.2%	57.3%
C26	627.840	6.8%	64.1%
C27	675.477	7.3%	71.4%
C28	624.644	6.8%	78.2%
C29	592.212	6.4%	84.6%
C30	1426.762	15.4%	100.0%
Totals:	9,248.77	100.0%	



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 2 1/2

Matrix SOIL

TI Sample Number 502303-03N 2/28 X20

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 20

Date of Analysis 3-Mar-95

ATI Data Filename: 3030307

Pract. Quant. Limit 100.00 mg/Kg

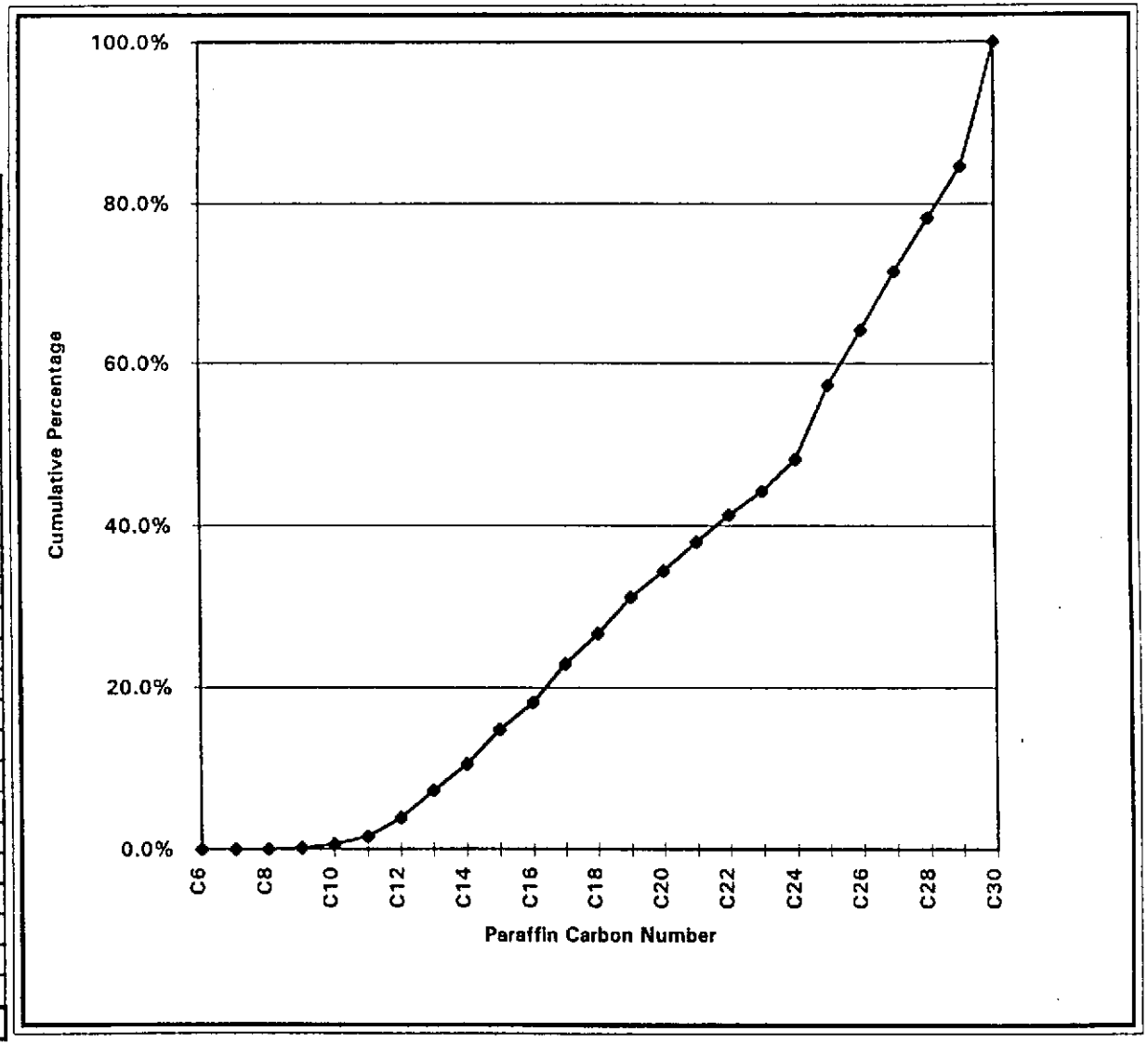
Comment:

Results: 4526.58 mg/Kg Diesel quantitated between C6 and C25

4722.19 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	1.4	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.0%	0.0%
C9	9.8	0.1%	0.1%
C10	45.1	0.5%	0.6%
C11	85.1	0.9%	1.5%
C12	215.4	2.3%	3.9%
C13	311.2	3.4%	7.2%
C14	304.3	3.3%	10.5%
C15	389.4	4.2%	14.7%
C16	319.1	3.5%	18.2%
C17	446.2	4.8%	23.0%
C18	346.3	3.7%	26.7%
C19	404.4	4.4%	31.1%
C20	303.8	3.3%	34.4%
C21	326.2	3.5%	37.9%
C22	310.4	3.4%	41.3%
C23	269.0	2.9%	44.2%
C24	367.5	4.0%	48.2%
C25	847.1	9.2%	57.3%
C26	627.8	6.8%	64.1%
C27	675.5	7.3%	71.4%
C28	624.6	6.8%	78.2%
C29	592.2	6.4%	84.6%
C30	1,426.8	15.4%	100.0%
Totals:	9,248.77	100.0%	

Graph of Cumulative Percent by Paraffin Range



[redacted] Analytical Technologies, Inc. 5850 Morehouse Dr. San Diego, CA 92121 (619) [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 4

Matrix SOIL

ATI Sample Number 502303-04N 2/28 X20

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 20
Date of Analysis 4-Mar-95
ATI Data Filename: 3030320
Pract. Quant. Limit 100.00 mg/Kg
Comment:

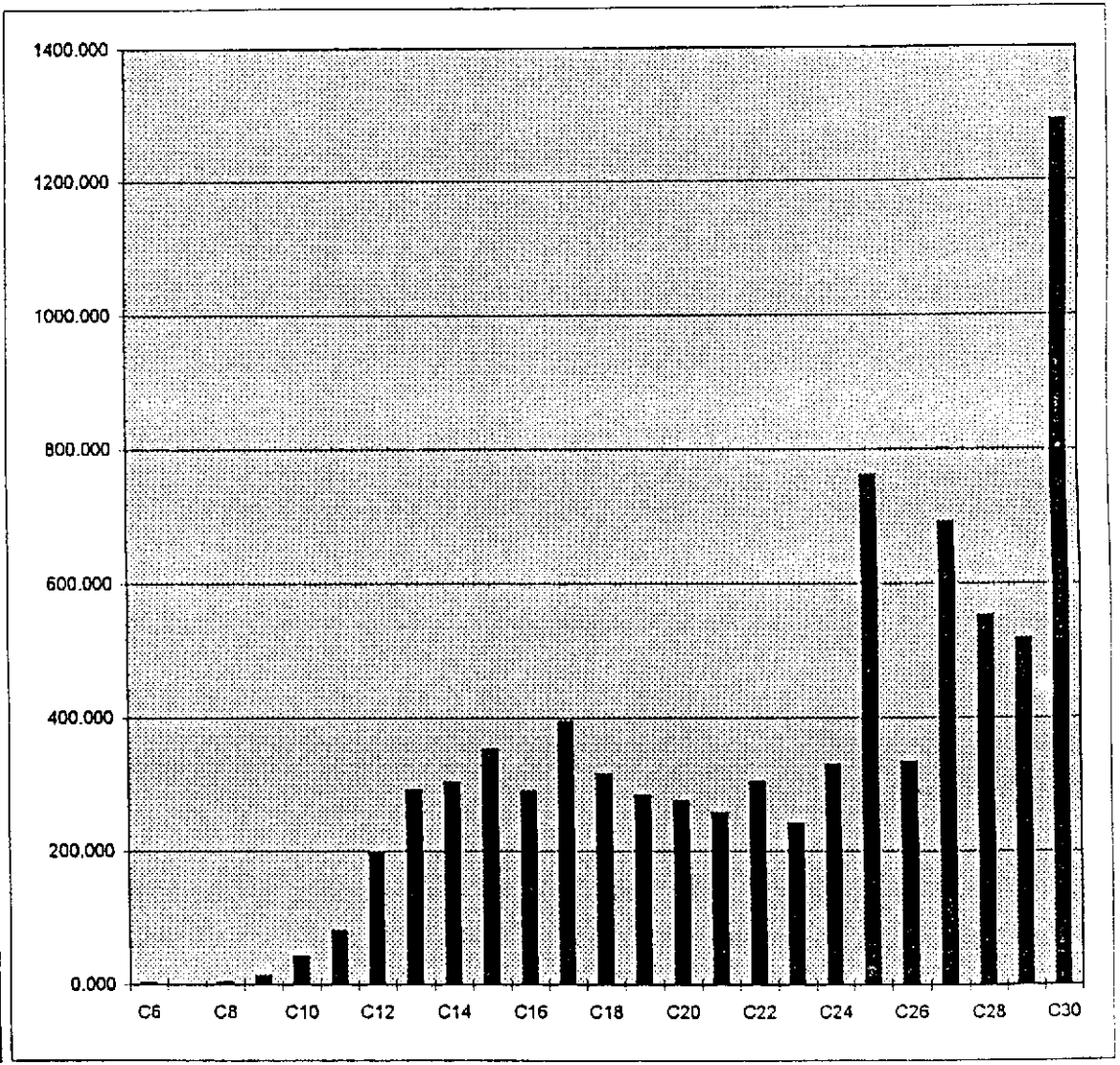
FINAL RESULTS:

4044.18 mg/Kg Diesel quantitated between C6 and C25

4085.05 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	2.739	0.0%	0.0%
C7	0.355	0.0%	0.0%
C8	4.511	0.1%	0.1%
C9	13.552	0.2%	0.3%
C10	43.393	0.5%	0.8%
C11	81.045	1.0%	1.8%
C12	199.076	2.4%	4.2%
C13	290.541	3.6%	7.8%
C14	303.139	3.7%	11.5%
C15	353.194	4.3%	15.9%
C16	289.534	3.6%	19.4%
C17	395.091	4.9%	24.3%
C18	315.145	3.9%	28.2%
C19	283.051	3.5%	31.7%
C20	274.306	3.4%	35.0%
C21	257.043	3.2%	38.2%
C22	304.097	3.7%	41.9%
C23	241.274	3.0%	44.9%
C24	329.137	4.0%	49.0%
C25	761.546	9.4%	58.3%
C26	333.646	4.1%	62.4%
C27	691.113	8.5%	70.9%
C28	553.260	6.8%	77.7%
C29	518.058	6.4%	84.1%
C30	1291.384	15.9%	100.0%
Totals:	8,129.23	100.0%	



[redacted] Analytical Technologies Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 4

Matrix SOIL

TI Sample Number 502303-04N 2/28 X20

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 20

Date of Analysis 4-Mar-95

ATI Data Filename: 3030320

Pract. Quant. Limit 100.00 mg/Kg

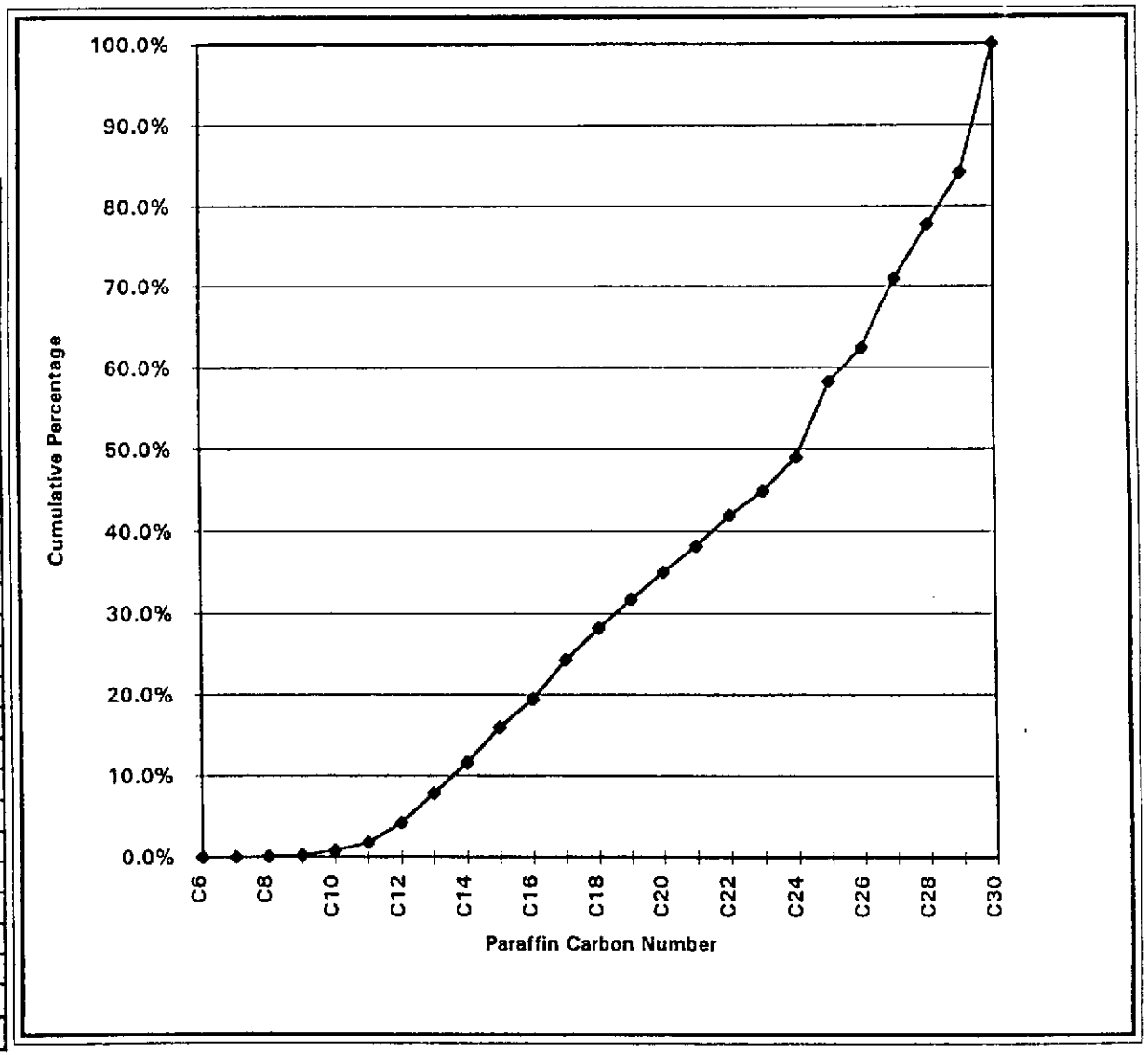
Comment:

Results: **4044.18 mg/Kg Diesel quantitated between C6 and C25**

4085.05 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	2.7	0.0%	0.0%
C7	0.4	0.0%	0.0%
C8	4.5	0.1%	0.1%
C9	13.6	0.2%	0.3%
C10	43.4	0.5%	0.8%
C11	81.0	1.0%	1.8%
C12	199.1	2.4%	4.2%
C13	290.5	3.6%	7.8%
C14	303.1	3.7%	11.5%
C15	353.2	4.3%	15.9%
C16	289.5	3.6%	19.4%
C17	395.1	4.9%	24.3%
C18	315.1	3.9%	28.2%
C19	283.1	3.5%	31.7%
C20	274.3	3.4%	35.0%
C21	257.0	3.2%	38.2%
C22	304.1	3.7%	41.9%
C23	241.3	3.0%	44.9%
C24	329.1	4.0%	49.0%
C25	761.5	9.4%	58.3%
C26	333.6	4.1%	62.4%
C27	691.1	8.5%	70.9%
C28	553.3	6.8%	77.7%
C29	518.1	6.4%	84.1%
C30	1,291.4	15.9%	100.0%
Totals:	8,129.23	100.0%	

Graph of Cumulative Percent by Paraffin Range



Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 5 1/2

Matrix SOIL

ATI Sample Number 502303-05N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 4-Mar-95
ATI Data Filename: 3030314
Pract. Quant. Limit 5.00 mg/Kg
Comment:

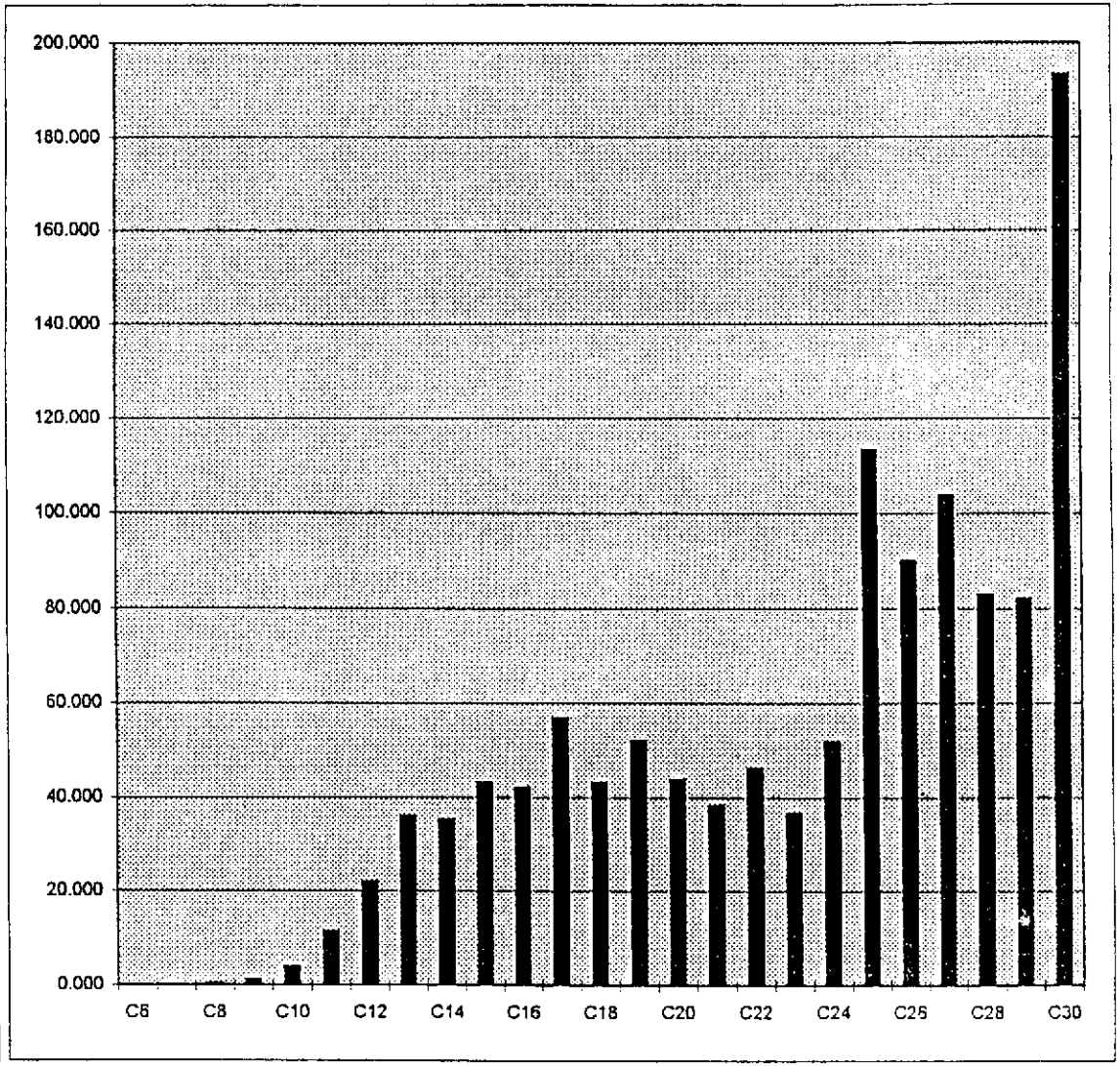
FINAL RESULTS:

575.81 mg/Kg Diesel quantitated between C6 and C25

656.04 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.062	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.385	0.0%	0.0%
C9	1.261	0.1%	0.1%
C10	3.866	0.3%	0.5%
C11	11.518	0.9%	1.4%
C12	22.149	1.8%	3.2%
C13	36.138	2.9%	6.1%
C14	35.433	2.9%	9.0%
C15	43.255	3.5%	12.5%
C16	42.257	3.4%	15.9%
C17	56.989	4.6%	20.6%
C18	43.139	3.5%	24.1%
C19	52.130	4.2%	28.3%
C20	43.852	3.6%	31.9%
C21	38.422	3.1%	35.0%
C22	46.310	3.8%	38.7%
C23	36.756	3.0%	41.7%
C24	51.964	4.2%	45.9%
C25	113.484	9.2%	55.2%
C26	90.048	7.3%	62.5%
C27	103.929	8.4%	70.9%
C28	83.011	6.7%	77.6%
C29	82.208	6.7%	84.3%
C30	193.285	15.7%	100.0%
Totals:	1,231.85	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



Analytical Technologies, Inc., 5550 Morehouse Dr., San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B1- 5 1/2

Matrix SOIL

TI Sample Number 502303-05N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 4-Mar-95

ATI Data Filename: 3030314

Pract. Quant. Limit 5.00 mg/Kg

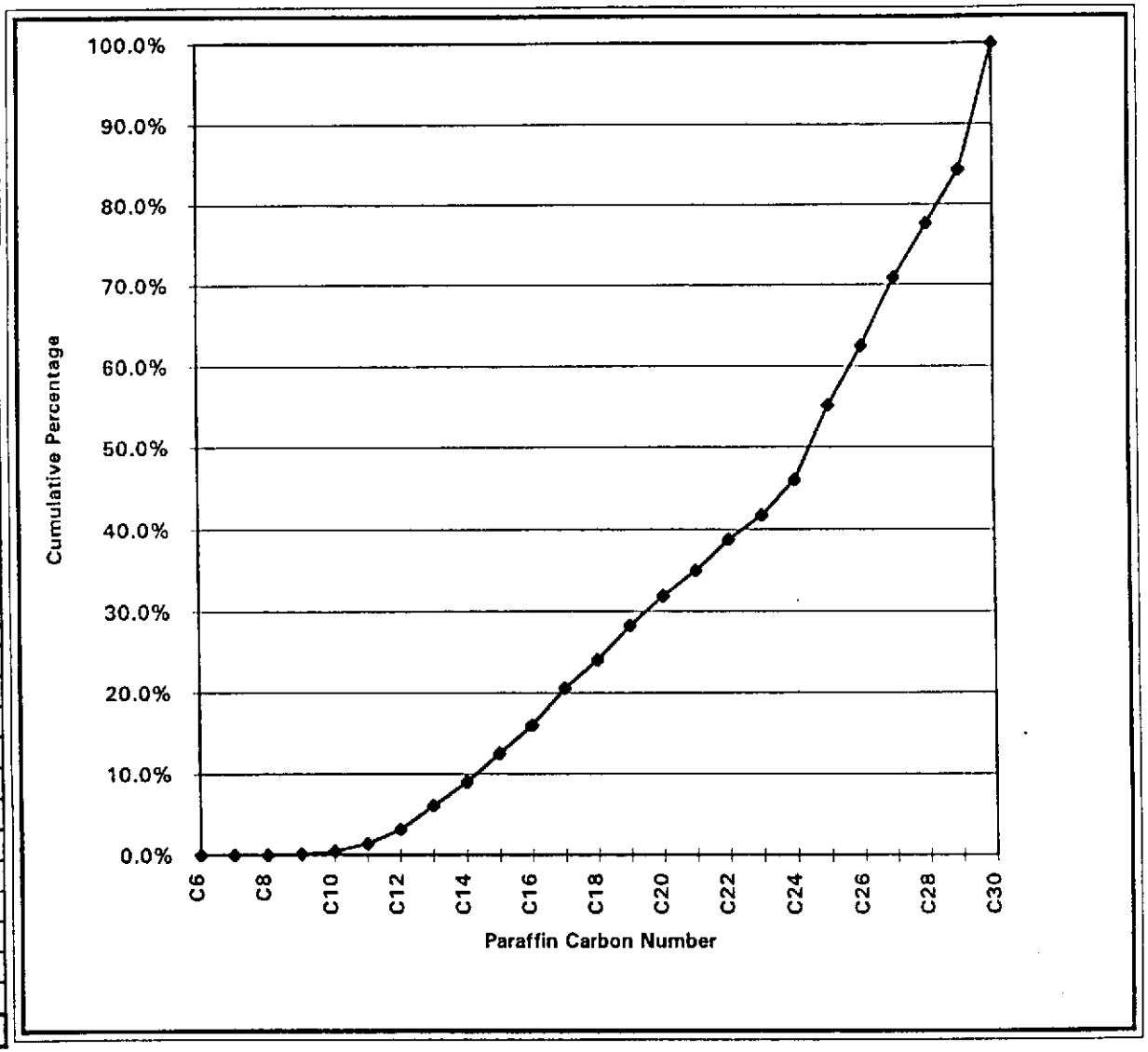
Comment:

Results: **575.81 mg/Kg Diesel quantitated between C6 and C25**

656.04 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.4	0.0%	0.0%
C9	1.3	0.1%	0.1%
C10	3.9	0.3%	0.5%
C11	11.5	0.9%	1.4%
C12	22.1	1.8%	3.2%
C13	36.1	2.9%	6.1%
C14	35.4	2.9%	9.0%
C15	43.3	3.5%	12.5%
C16	42.3	3.4%	15.9%
C17	57.0	4.6%	20.6%
C18	43.1	3.5%	24.1%
C19	52.1	4.2%	28.3%
C20	43.9	3.6%	31.9%
C21	38.4	3.1%	35.0%
C22	46.3	3.8%	38.7%
C23	36.8	3.0%	41.7%
C24	52.0	4.2%	45.9%
C25	113.5	9.2%	55.2%
C26	90.0	7.3%	62.5%
C27	103.9	8.4%	70.9%
C28	83.0	6.7%	77.6%
C29	82.2	6.7%	84.3%
C30	193.3	15.7%	100.0%
Totals:	1,231.85	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 7

Matrix SOIL

ATI Sample Number 502303-06N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030127
Pract. Quant. Limit 5.00 mg/Kg
Comment:

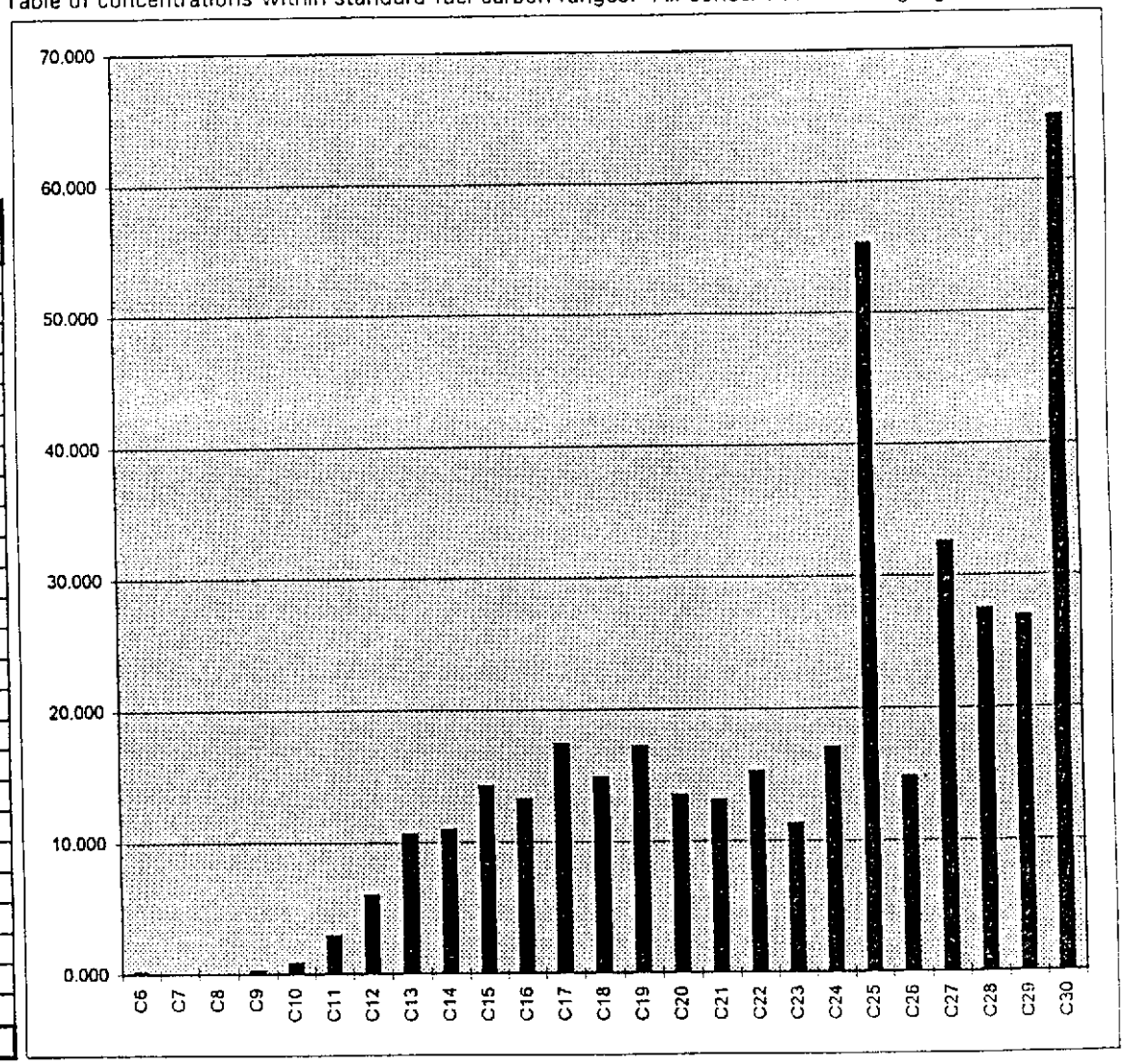
FINAL RESULTS:

182.52 mg/Kg Diesel quantitated between C6 and C25

218.68 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.142	0.0%	0.0%
C7	0.021	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	0.267	0.1%	0.1%
C10	0.892	0.2%	0.3%
C11	2.899	0.7%	1.1%
C12	6.030	1.5%	2.6%
C13	10.649	2.7%	5.2%
C14	10.979	2.7%	7.9%
C15	14.235	3.5%	11.5%
C16	13.255	3.3%	14.8%
C17	17.385	4.3%	19.1%
C18	14.884	3.7%	22.8%
C19	17.183	4.3%	27.1%
C20	13.514	3.4%	30.5%
C21	13.163	3.3%	33.8%
C22	15.252	3.8%	37.6%
C23	11.327	2.8%	40.4%
C24	17.076	4.3%	44.7%
C25	55.316	13.8%	58.4%
C26	14.853	3.7%	62.1%
C27	32.569	8.1%	70.3%
C28	27.433	6.8%	77.1%
C29	26.951	6.7%	83.8%
C30	64.934	16.2%	100.0%
Totals:	401.21	100.0%	



[redacted] Analytical Technologies, Inc. [redacted] 50 [redacted] Dr. [redacted] Diego [redacted] CA [redacted] 21 [redacted] 9) 4[redacted] 914[redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 7

Matrix SOIL

TI Sample Number 502303-06N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 3-Mar-95

ATI Data Filename: 3030127

Pract. Quant. Limit 5.00 mg/Kg

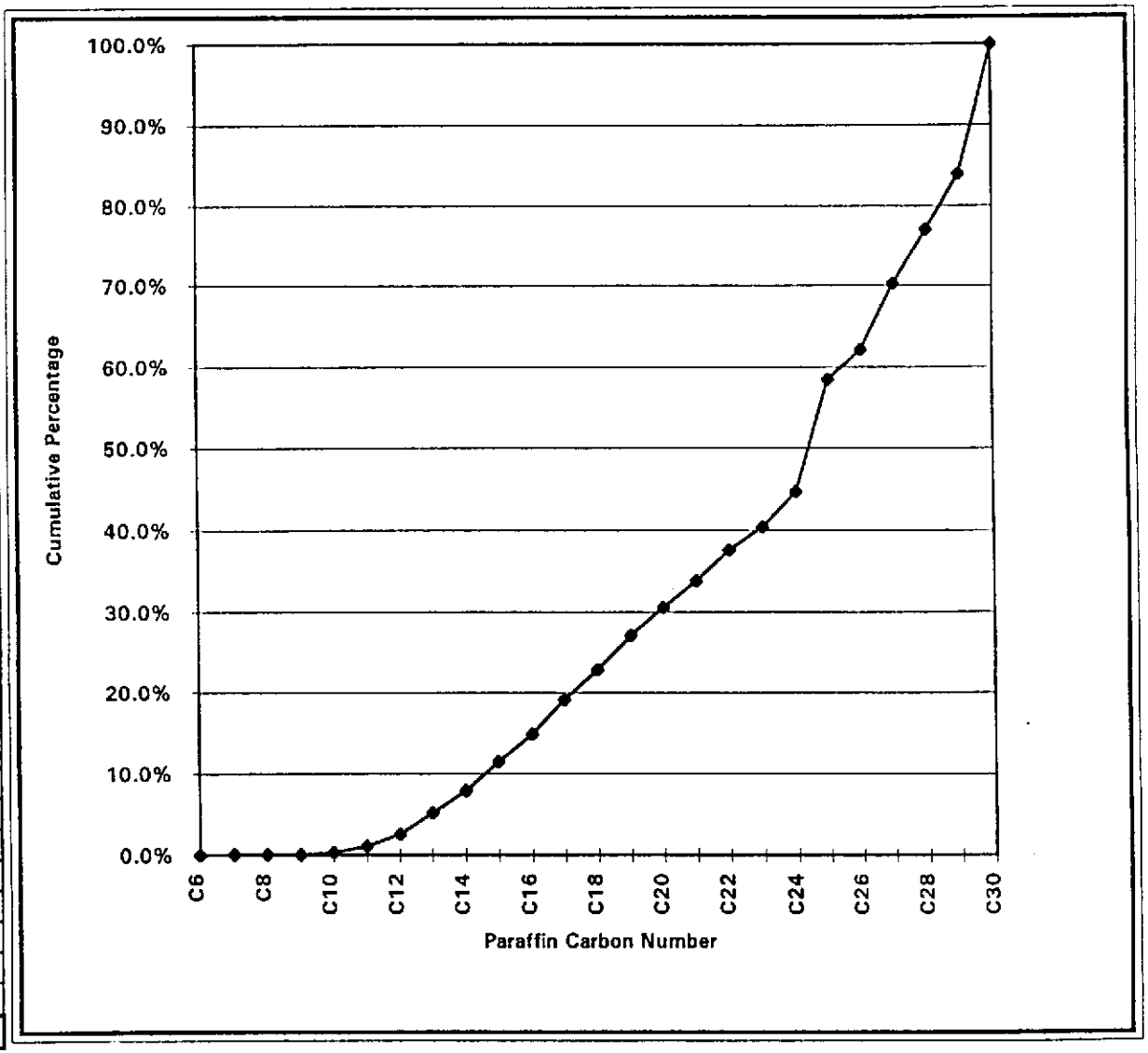
Comment:

Results: **182.52 mg/Kg Diesel quantitated between C6 and C25**

218.68 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.0%	0.0%
C9	0.3	0.1%	0.1%
C10	0.9	0.2%	0.3%
C11	2.9	0.7%	1.1%
C12	6.0	1.5%	2.6%
C13	10.6	2.7%	5.2%
C14	11.0	2.7%	7.9%
C15	14.2	3.5%	11.5%
C16	13.3	3.3%	14.8%
C17	17.4	4.3%	19.1%
C18	14.9	3.7%	22.8%
C19	17.2	4.3%	27.1%
C20	13.5	3.4%	30.5%
C21	13.2	3.3%	33.8%
C22	15.3	3.8%	37.6%
C23	11.3	2.8%	40.4%
C24	17.1	4.3%	44.7%
C25	55.3	13.8%	58.4%
C26	14.9	3.7%	62.1%
C27	32.6	8.1%	70.3%
C28	27.4	6.8%	77.1%
C29	27.0	6.7%	83.8%
C30	64.9	16.2%	100.0%
Totals:	401.21	100.0%	

Graph of Cumulative Percent by Paraffin Range



[redacted] Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 9212[redacted] (619) [redacted]-9[redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 10

Matrix SOIL

ATI Sample Number 502303-07N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 4-Mar-95
ATI Data Filename: 3030311
Pract. Quant. Limit 5.00 mg/Kg
Comment:

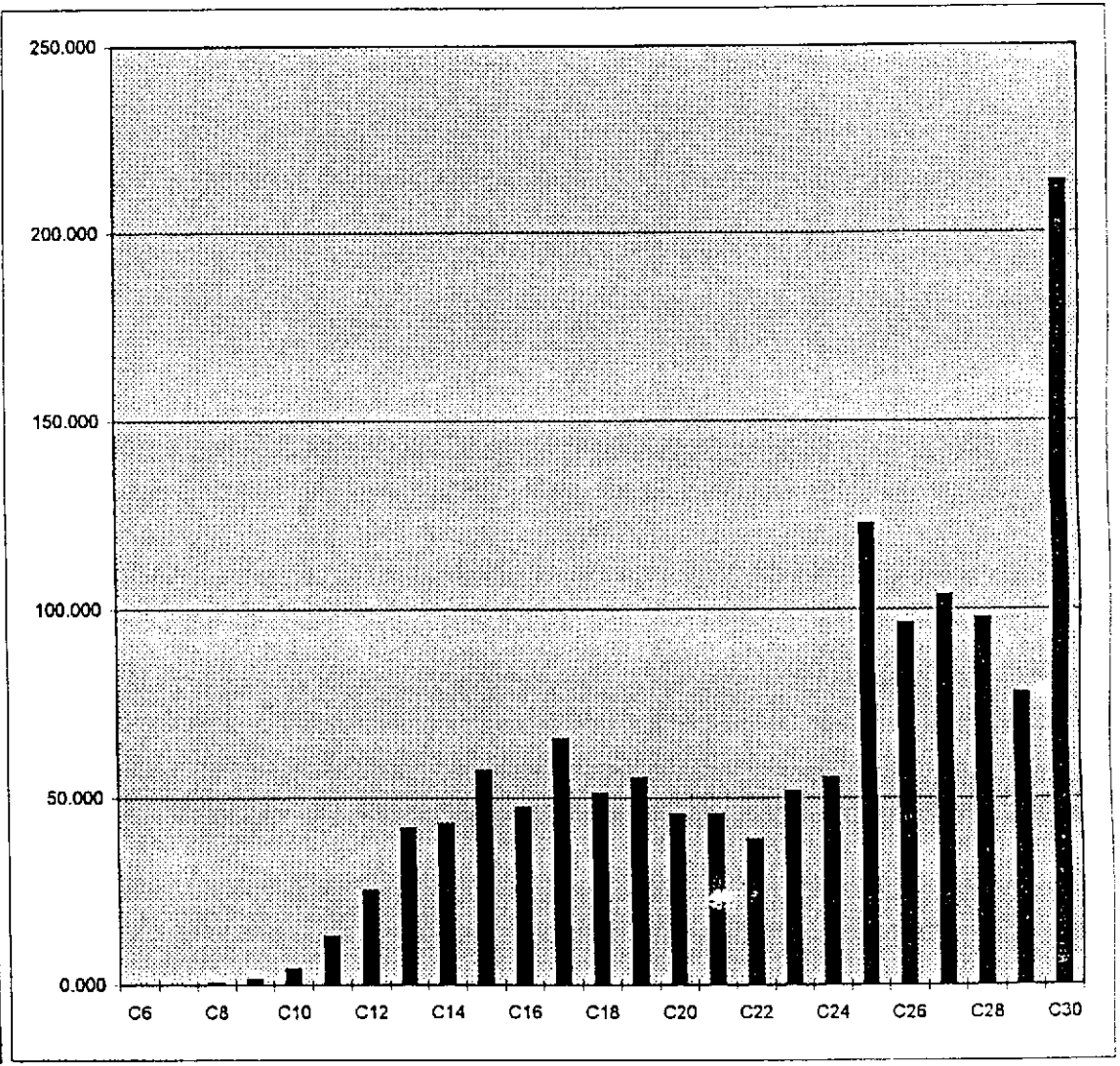
FINAL RESULTS:

655.83 mg/Kg Diesel quantitated between C6 and C25

700.68 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.101	0.0%	0.0%
C7	0.105	0.0%	0.0%
C8	0.495	0.0%	0.1%
C9	1.556	0.1%	0.2%
C10	4.368	0.3%	0.5%
C11	13.053	1.0%	1.5%
C12	25.524	1.9%	3.3%
C13	41.838	3.1%	6.4%
C14	43.047	3.2%	9.6%
C15	57.262	4.2%	13.8%
C16	47.513	3.5%	17.3%
C17	65.669	4.8%	22.2%
C18	51.076	3.8%	25.9%
C19	55.158	4.1%	30.0%
C20	45.505	3.4%	33.3%
C21	45.548	3.4%	36.7%
C22	38.976	2.9%	39.6%
C23	51.794	3.8%	43.4%
C24	55.347	4.1%	47.5%
C25	122.743	9.0%	56.5%
C26	96.346	7.1%	63.6%
C27	103.865	7.7%	71.3%
C28	97.691	7.2%	78.5%
C29	78.001	5.8%	84.2%
C30	213.930	15.8%	100.0%
Totals:	1,356.51	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



[redacted] Analytical Technologies Inc. 5550 Morehouse Dr. San Diego CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 10

Matrix SOIL

TI Sample Number 502303-07N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 4-Mar-95

ATI Data Filename: 3030311

Pract. Quant. Limit 5.00 mg/Kg

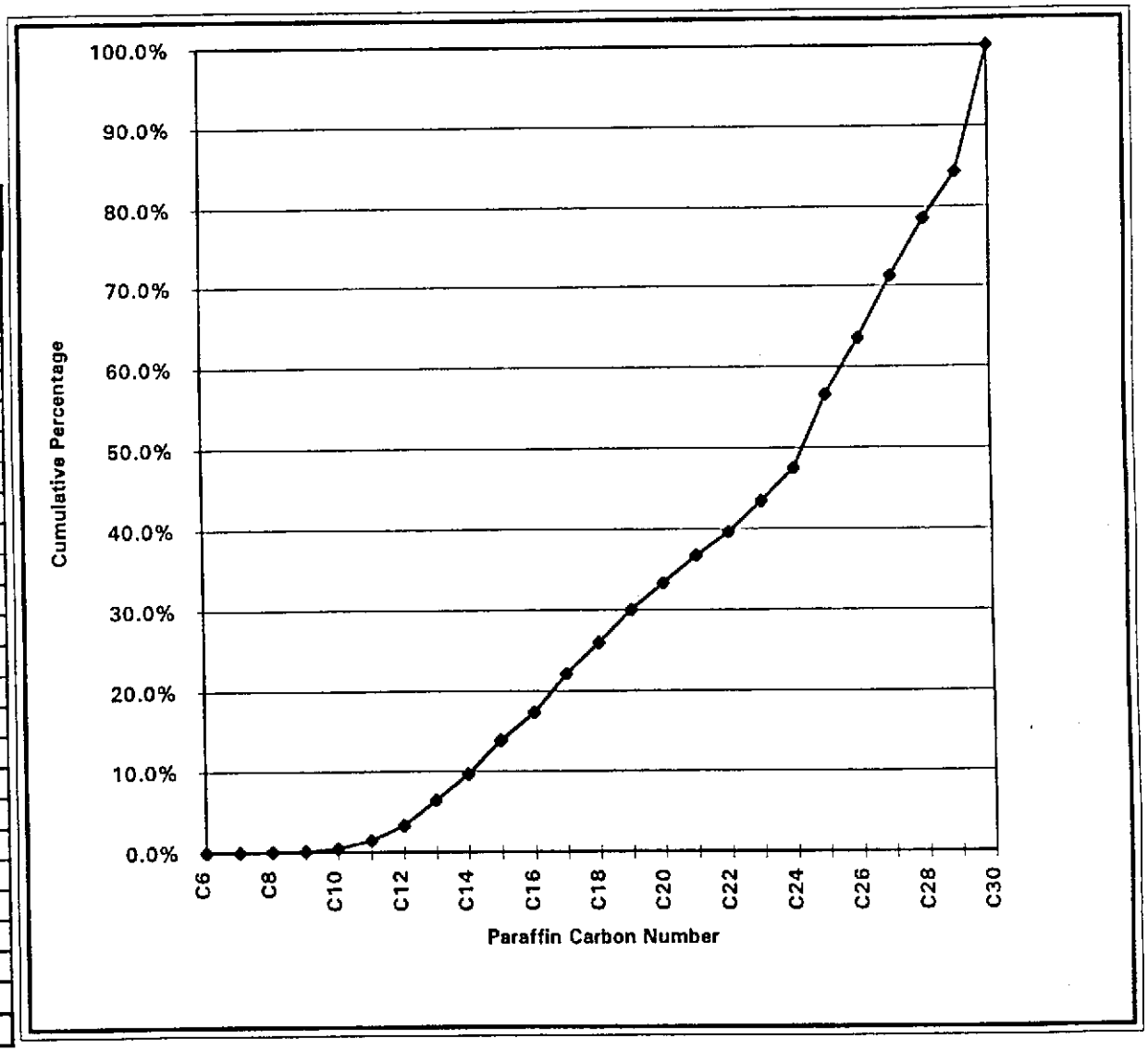
Comment:

Results: 655.83 mg/Kg Diesel quantitated between C6 and C25

700.68 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.0%	0.0%
C7	0.1	0.0%	0.0%
C8	0.5	0.0%	0.1%
C9	1.6	0.1%	0.2%
C10	4.4	0.3%	0.5%
C11	13.1	1.0%	1.5%
C12	25.5	1.9%	3.3%
C13	41.8	3.1%	6.4%
C14	43.0	3.2%	9.6%
C15	57.3	4.2%	13.8%
C16	47.5	3.5%	17.3%
C17	65.7	4.8%	22.2%
C18	51.1	3.8%	25.9%
C19	55.2	4.1%	30.0%
C20	45.5	3.4%	33.3%
C21	45.5	3.4%	36.7%
C22	39.0	2.9%	39.6%
C23	51.8	3.8%	43.4%
C24	55.3	4.1%	47.5%
C25	122.7	9.0%	56.5%
C26	96.3	7.1%	63.6%
C27	103.9	7.7%	71.3%
C28	97.7	7.2%	78.5%
C29	78.0	5.8%	84.2%
C30	213.9	15.8%	100.0%
Totals:	1,356.51	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 11 1/2

Matrix SOIL

ATI Sample Number 502303-08N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 1-Mar-95
ATI Data Filename: 3022756
Pract. Quant. Limit 5.00 mg/Kg
Comment:

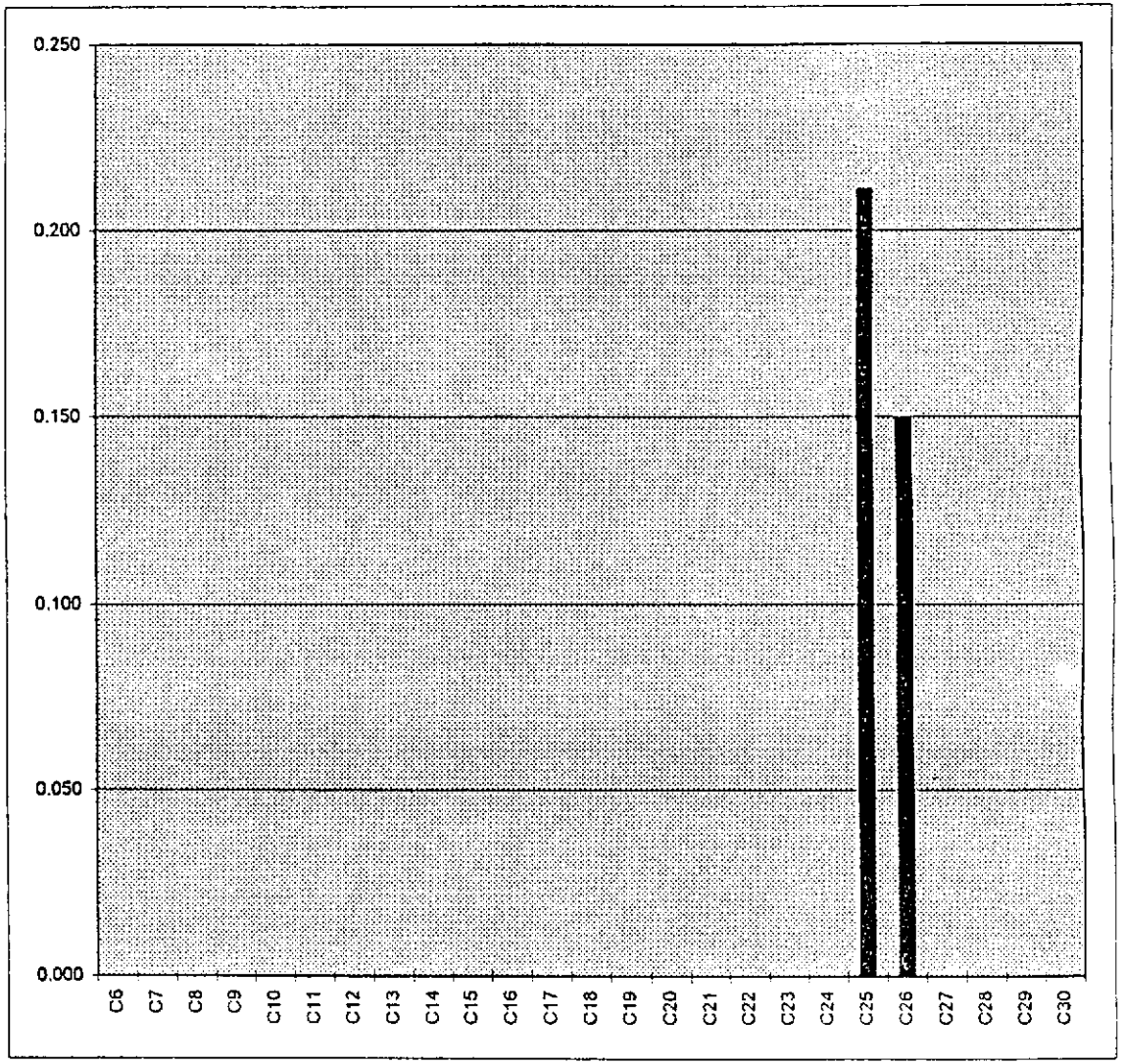
FINAL RESULTS:

0.01 mg/Kg Diesel quantitated between C6 and C25

0.35 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.000	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	0.000	0.0%	0.0%
C10	0.000	0.0%	0.0%
C11	0.000	0.0%	0.0%
C12	0.000	0.0%	0.0%
C13	0.000	0.0%	0.0%
C14	0.000	0.0%	0.0%
C15	0.000	0.0%	0.0%
C16	0.000	0.0%	0.0%
C17	0.000	0.0%	0.0%
C18	0.000	0.0%	0.0%
C19	0.000	0.0%	0.0%
C20	0.000	0.0%	0.0%
C21	0.000	0.0%	0.0%
C22	0.000	0.0%	0.0%
C23	0.000	0.0%	0.0%
C24	0.000	0.0%	0.0%
C25	0.211	58.5%	58.5%
C26	0.150	41.5%	100.0%
C27	0.000	0.0%	100.0%
C28	0.000	0.0%	100.0%
C29	0.000	0.0%	100.0%
C30	0.000	0.0%	100.0%
Totals:	0.36	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



[redacted] [redacted] [redacted]haly[redacted] Te[redacted]logi[redacted]nc. [redacted]50 [redacted]hou[redacted]Dr. [redacted] Die[redacted]CA [redacted]21 [redacted]9) 45[redacted]141 [redacted] [redacted] [redacted] [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-1 11 1/2

Matrix SOIL

TI Sample Number 502303-08N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 1-Mar-95

ATI Data Filename: 3022756

Pract. Quant. Limit 5.00 mg/Kg

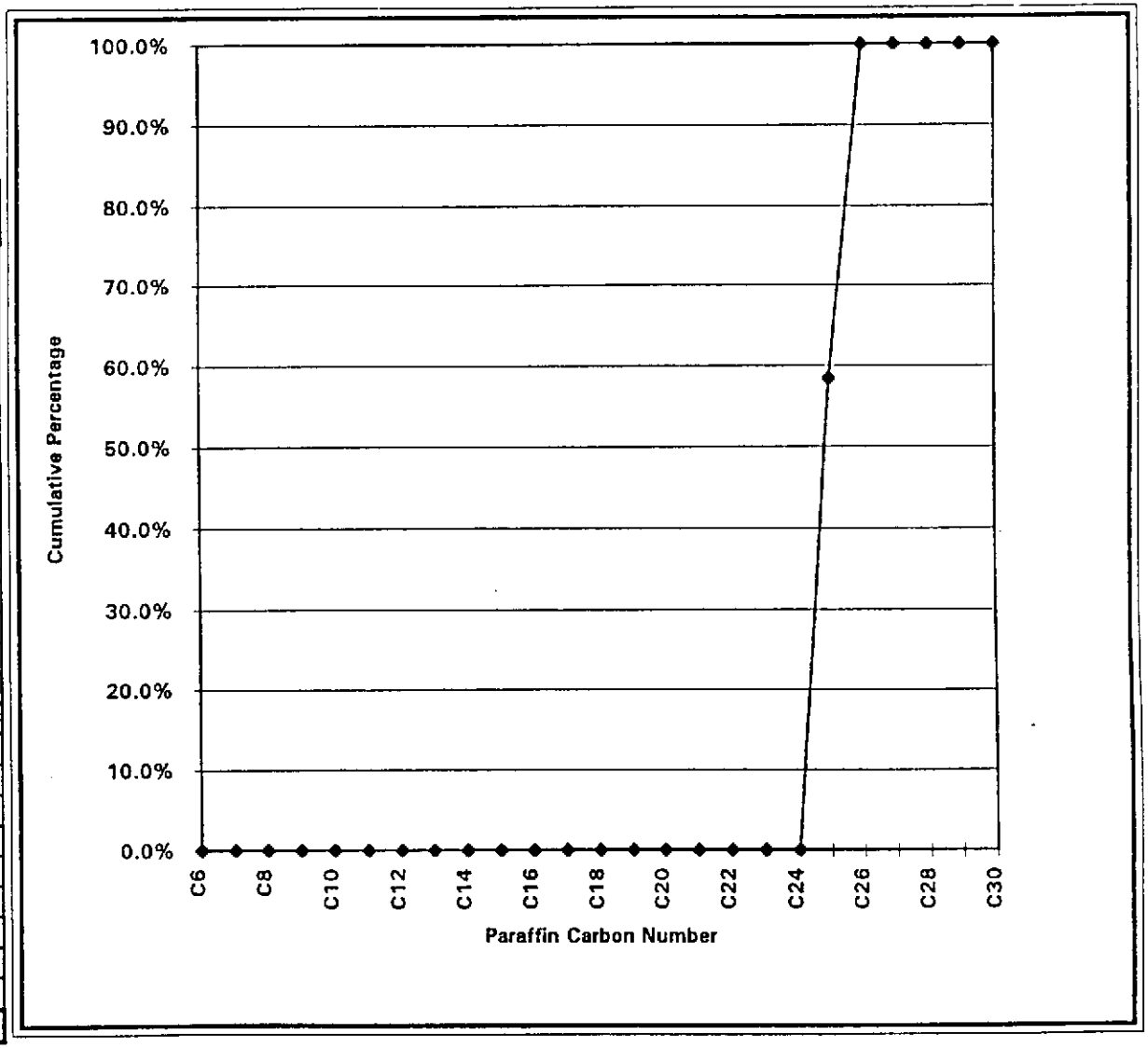
Comment:

Results: 0.01 mg/Kg Diesel quantitated between C6 and C25

0.35 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.0	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.0%	0.0%
C9	0.0	0.0%	0.0%
C10	0.0	0.0%	0.0%
C11	0.0	0.0%	0.0%
C12	0.0	0.0%	0.0%
C13	0.0	0.0%	0.0%
C14	0.0	0.0%	0.0%
C15	0.0	0.0%	0.0%
C16	0.0	0.0%	0.0%
C17	0.0	0.0%	0.0%
C18	0.0	0.0%	0.0%
C19	0.0	0.0%	0.0%
C20	0.0	0.0%	0.0%
C21	0.0	0.0%	0.0%
C22	0.0	0.0%	0.0%
C23	0.0	0.0%	0.0%
C24	0.0	0.0%	0.0%
C25	0.2	58.5%	58.5%
C26	0.1	41.5%	100.0%
C27	0.0	0.0%	100.0%
C28	0.0	0.0%	100.0%
C29	0.0	0.0%	100.0%
C30	0.0	0.0%	100.0%
Totals:	0.36	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-2 4

Matrix SOIL

ATI Sample Number 502303-09N 2/28 X20

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 20
Date of Analysis 3-Mar-95
ATI Data Filename: 3030141
Pract. Quant. Limit 100.00 mg/Kg
Comment:

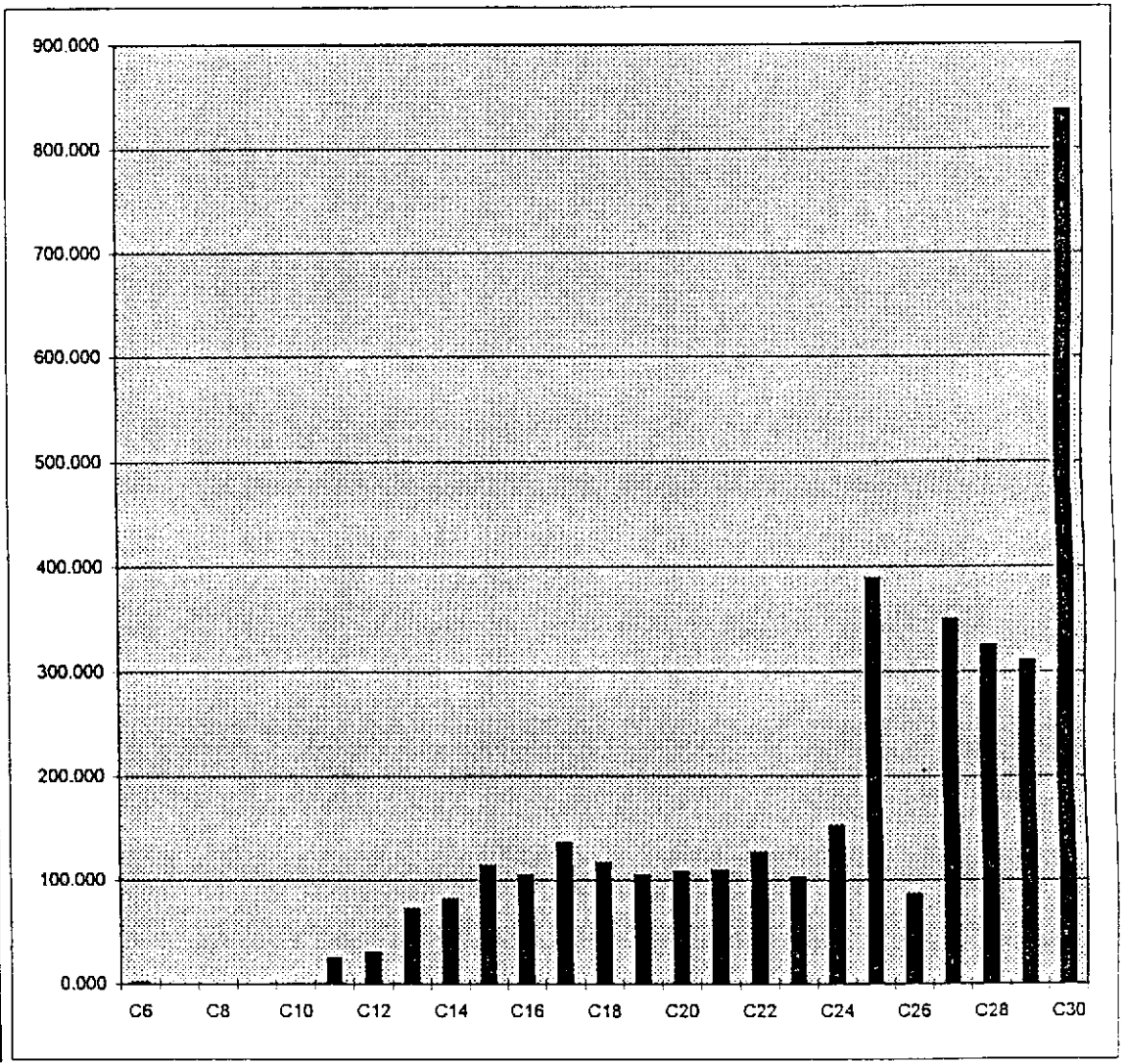
FINAL RESULTS:

1425.44 mg/Kg Diesel quantitated between C6 and C25

2269.26 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	2.184	0.1%	0.1%
C7	0.000	0.0%	0.1%
C8	0.000	0.0%	0.1%
C9	0.000	0.0%	0.1%
C10	0.000	0.0%	0.1%
C11	25.155	0.7%	0.7%
C12	30.833	0.8%	1.6%
C13	73.354	2.0%	3.6%
C14	82.076	2.2%	5.8%
C15	114.700	3.1%	8.9%
C16	105.523	2.9%	11.7%
C17	136.672	3.7%	15.4%
C18	117.467	3.2%	18.6%
C19	105.156	2.8%	21.5%
C20	109.086	3.0%	24.4%
C21	109.803	3.0%	27.4%
C22	127.005	3.4%	30.8%
C23	103.193	2.8%	33.6%
C24	152.474	4.1%	37.7%
C25	389.485	10.5%	48.3%
C26	86.962	2.4%	50.6%
C27	350.305	9.5%	60.1%
C28	325.459	8.8%	68.9%
C29	310.769	8.4%	77.3%
C30	837.031	22.7%	100.0%
Totals:	3,694.69	100.0%	



Analytical Technologies, Inc., 5550 Morehouse Dr., San Diego, CA 92121, (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-2 4

Matrix SOIL

TI Sample Number 502303-09N 2/28 X20

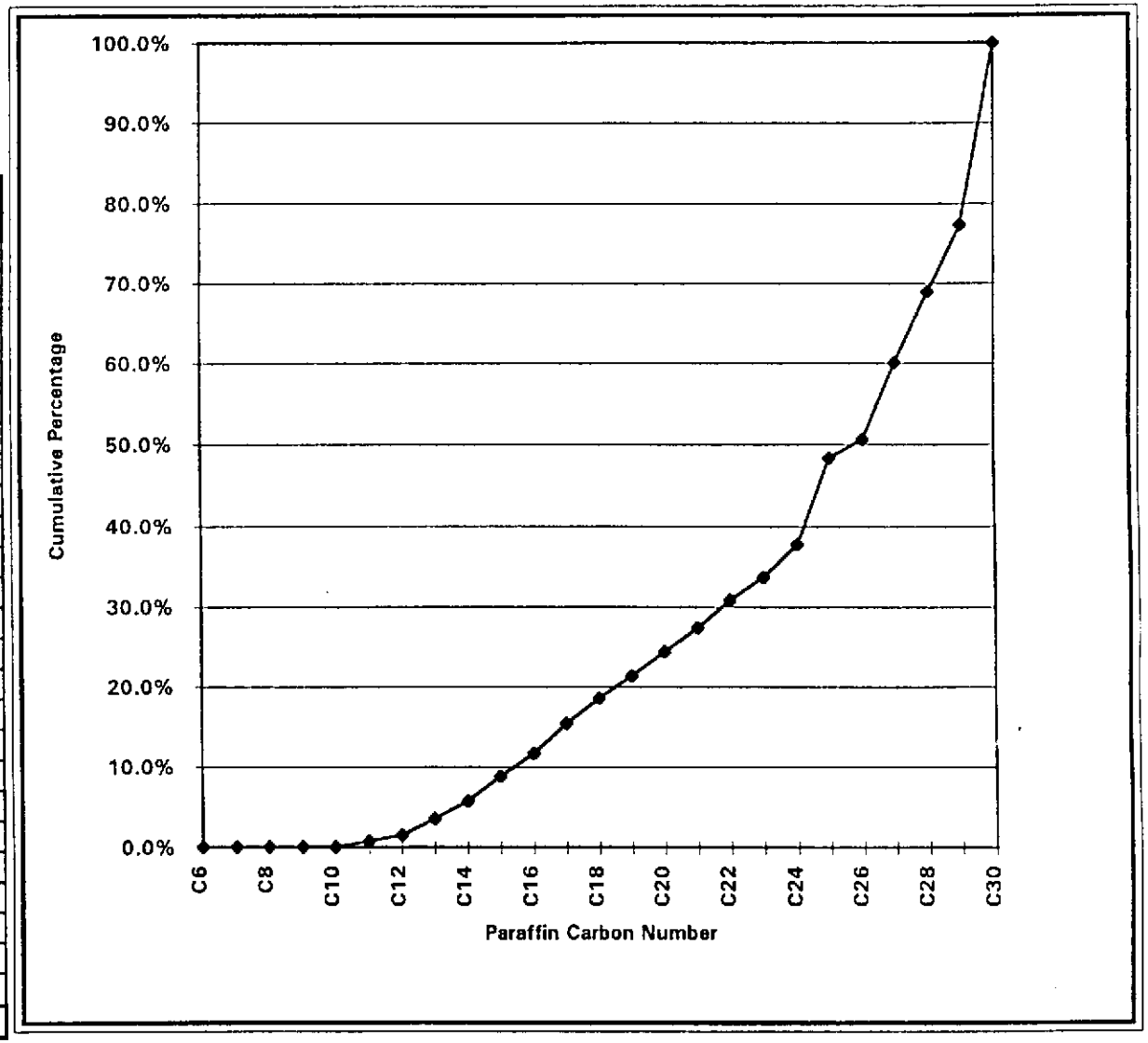
Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 20
Date of Analysis 3-Mar-95
ATI Data Filename: 3030141
Pract. Quant. Limit 100.00 mg/Kg
Comment:

Results: 1425.44 mg/Kg Diesel quantitated between C6 and C25

2269.26 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	2.2	0.1%	0.1%
C7	0.0	0.0%	0.1%
C8	0.0	0.0%	0.1%
C9	0.0	0.0%	0.1%
C10	0.0	0.0%	0.1%
C11	25.2	0.7%	0.7%
C12	30.8	0.8%	1.6%
C13	73.4	2.0%	3.6%
C14	82.1	2.2%	5.8%
C15	114.7	3.1%	8.9%
C16	105.5	2.9%	11.7%
C17	136.7	3.7%	15.4%
C18	117.5	3.2%	18.6%
C19	105.2	2.8%	21.5%
C20	109.1	3.0%	24.4%
C21	109.8	3.0%	27.4%
C22	127.0	3.4%	30.8%
C23	103.2	2.8%	33.6%
C24	152.5	4.1%	37.7%
C25	389.5	10.5%	48.3%
C26	87.0	2.4%	50.6%
C27	350.3	9.5%	60.1%
C28	325.5	8.8%	68.9%
C29	310.8	8.4%	77.3%
C30	837.0	22.7%	100.0%
Totals:	3,694.69	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-2 5 1/2

Matrix SOIL

ATI Sample Number 502303-10N 2/28

Amount Ext'd. 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030118
Pract. Quant. Limit 5.00 mg/Kg
Comment:

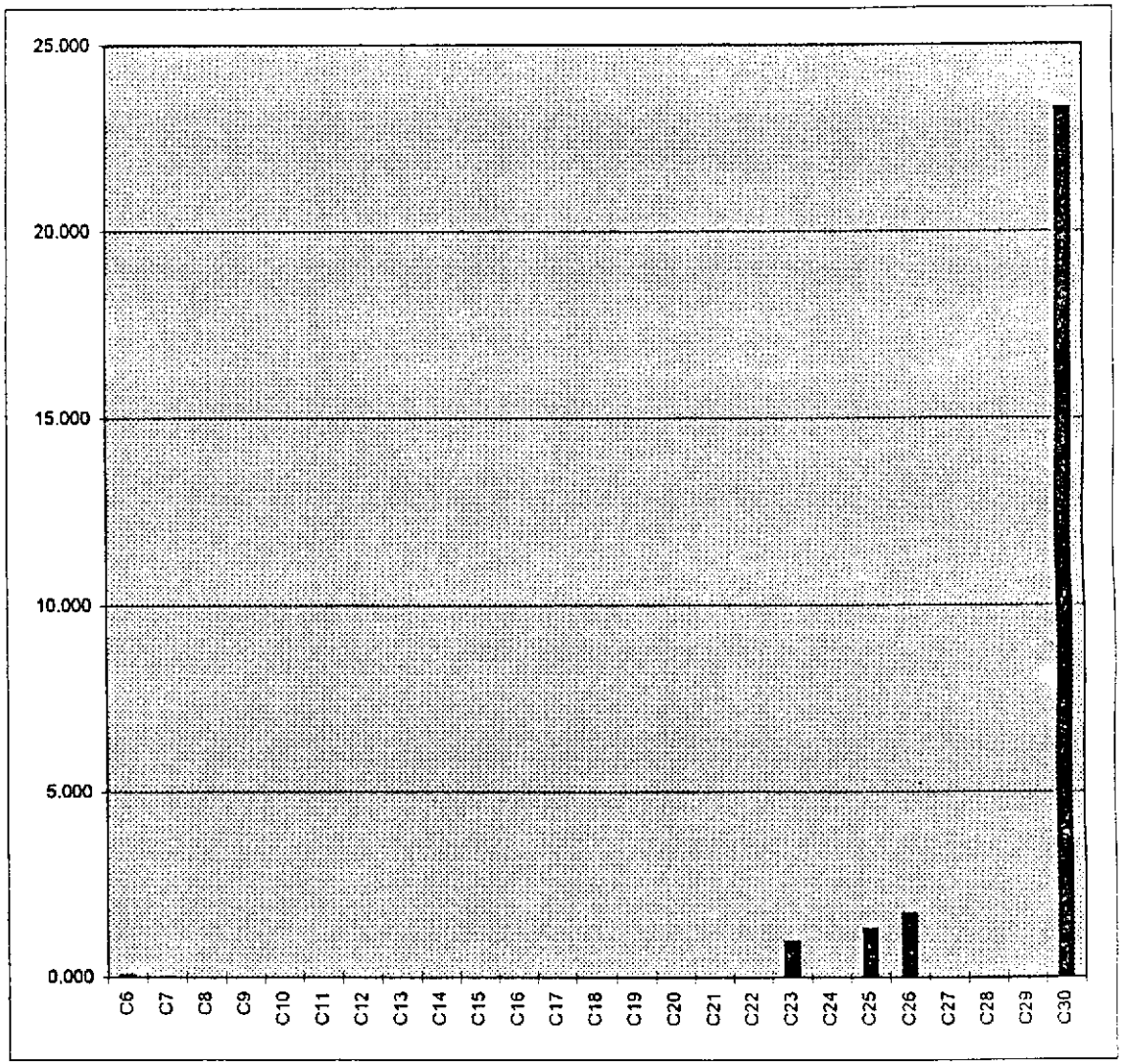
FINAL RESULTS:

1.27 mg/Kg Diesel quantitated between C6 and C25

26.19 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.066	0.2%	0.2%
C7	0.013	0.0%	0.3%
C8	0.000	0.0%	0.3%
C9	0.000	0.0%	0.3%
C10	0.000	0.0%	0.3%
C11	0.000	0.0%	0.3%
C12	0.000	0.0%	0.3%
C13	0.000	0.0%	0.3%
C14	0.000	0.0%	0.3%
C15	0.000	0.0%	0.3%
C16	0.000	0.0%	0.3%
C17	0.000	0.0%	0.3%
C18	0.000	0.0%	0.3%
C19	0.000	0.0%	0.3%
C20	0.000	0.0%	0.3%
C21	0.000	0.0%	0.3%
C22	0.000	0.0%	0.3%
C23	0.990	3.6%	3.9%
C24	0.000	0.0%	3.9%
C25	1.331	4.8%	8.7%
C26	1.738	6.3%	15.1%
C27	0.000	0.0%	15.1%
C28	0.000	0.0%	15.1%
C29	0.000	0.0%	15.1%
C30	23.323	84.9%	100.0%
Totals:	27.46	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



Analytical Technologies, Inc., 5550 Morehouse Dr., San Diego, CA 92121, (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-2 5 1/2

Matrix SOIL

TI Sample Number 502303-10N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 2-Mar-95

ATI Data Filename: 3030118

Pract. Quant. Limit 5.00 mg/Kg

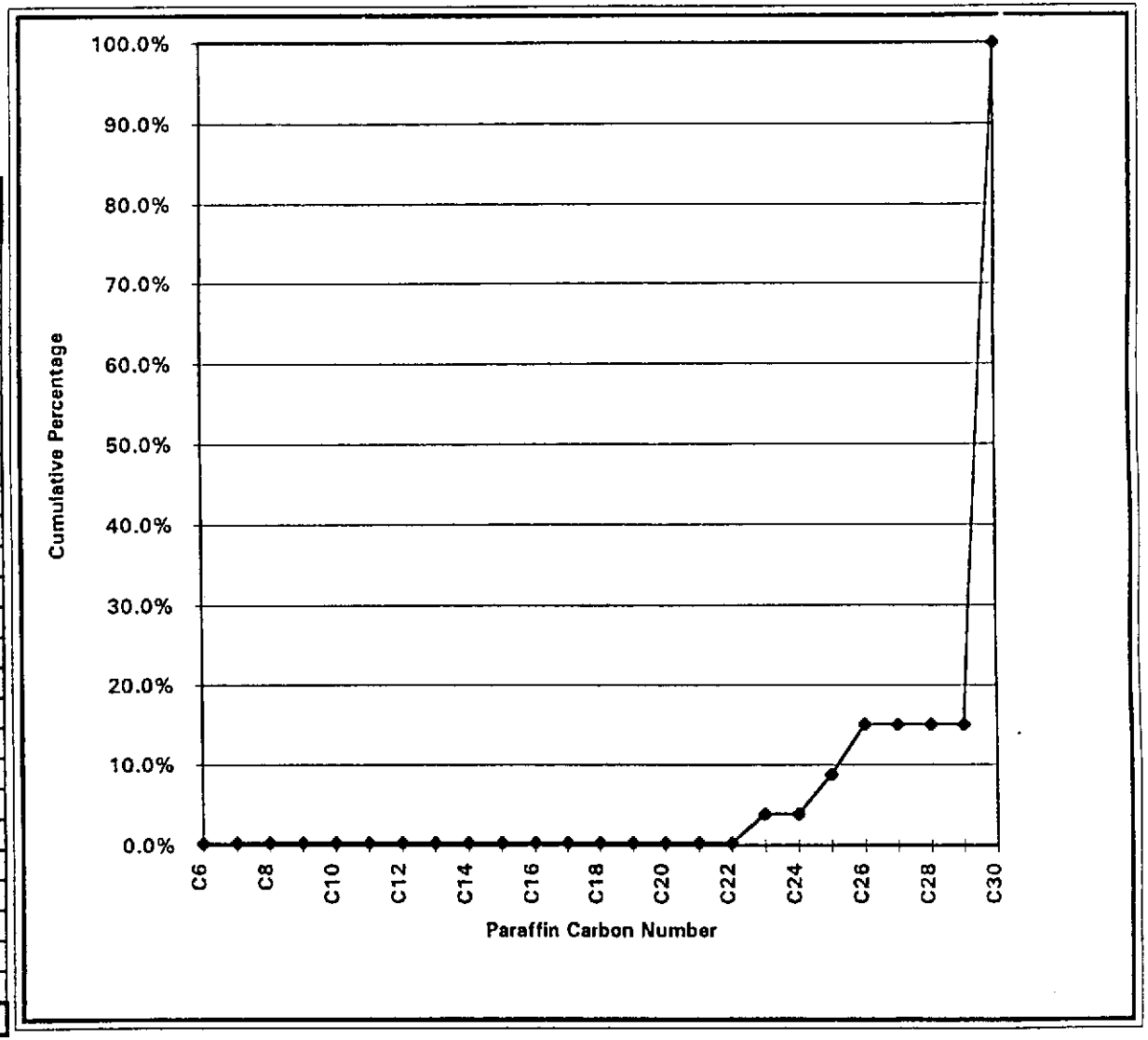
Comment:

Results: **1.27 mg/Kg Diesel quantitated between C6 and C25**

26.19 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.2%	0.2%
C7	0.0	0.0%	0.3%
C8	0.0	0.0%	0.3%
C9	0.0	0.0%	0.3%
C10	0.0	0.0%	0.3%
C11	0.0	0.0%	0.3%
C12	0.0	0.0%	0.3%
C13	0.0	0.0%	0.3%
C14	0.0	0.0%	0.3%
C15	0.0	0.0%	0.3%
C16	0.0	0.0%	0.3%
C17	0.0	0.0%	0.3%
C18	0.0	0.0%	0.3%
C19	0.0	0.0%	0.3%
C20	0.0	0.0%	0.3%
C21	0.0	0.0%	0.3%
C22	0.0	0.0%	0.3%
C23	1.0	3.6%	3.9%
C24	0.0	0.0%	3.9%
C25	1.3	4.8%	8.7%
C26	1.7	6.3%	15.1%
C27	0.0	0.0%	15.1%
C28	0.0	0.0%	15.1%
C29	0.0	0.0%	15.1%
C30	23.3	84.9%	100.0%
Totals:	27.46	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-3 4

Matrix SOIL

ATI Sample Number 502303-11N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030121
Pract. Quant. Limit 5.00 mg/Kg
Comment:

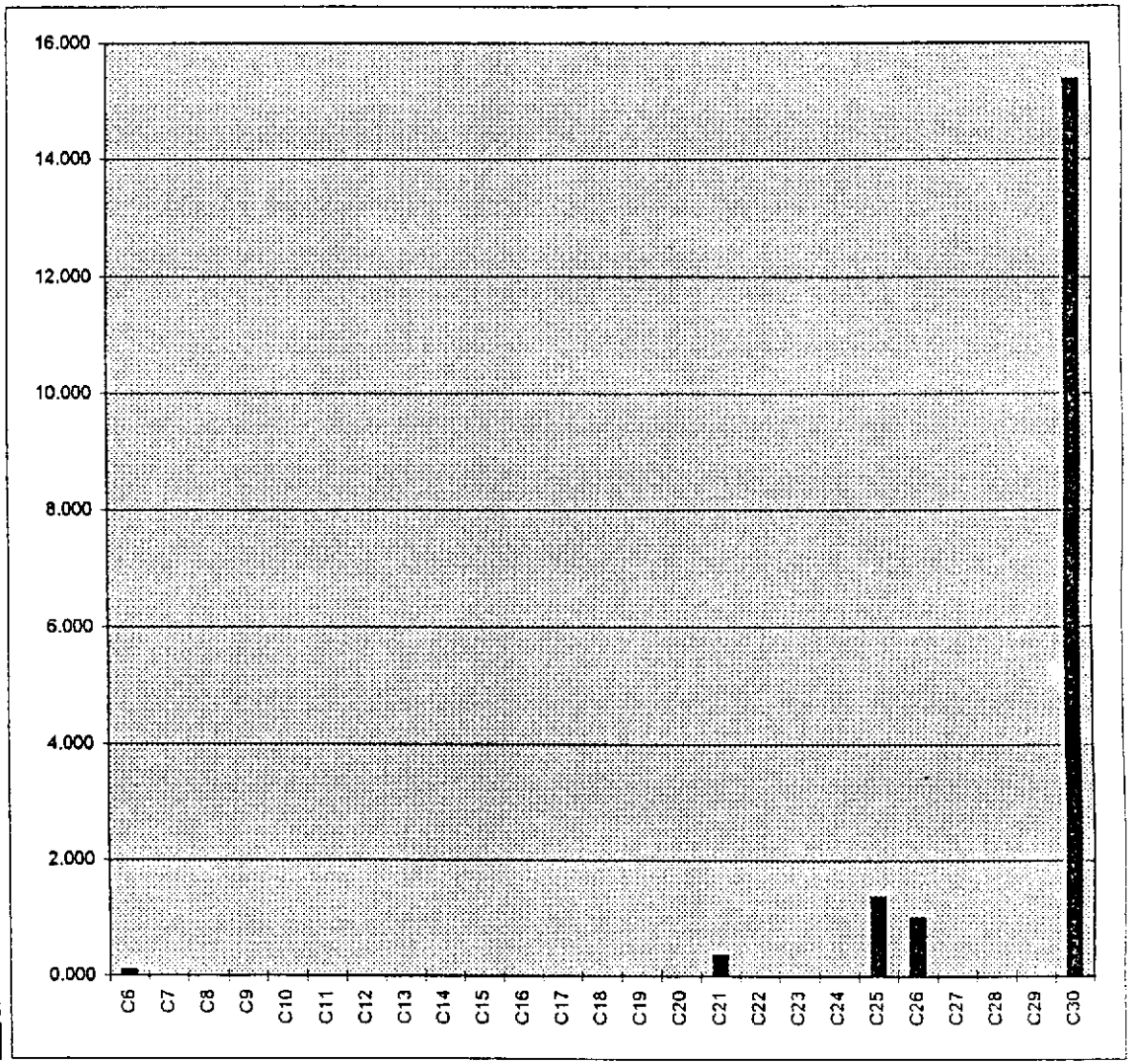
FINAL RESULTS:

1.02 mg/Kg Diesel quantitated between C6 and C25

17.26 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.101	0.6%	0.6%
C7	0.010	0.1%	0.6%
C8	0.000	0.0%	0.6%
C9	0.000	0.0%	0.6%
C10	0.000	0.0%	0.6%
C11	0.000	0.0%	0.6%
C12	0.000	0.0%	0.6%
C13	0.000	0.0%	0.6%
C14	0.000	0.0%	0.6%
C15	0.000	0.0%	0.6%
C16	0.000	0.0%	0.6%
C17	0.000	0.0%	0.6%
C18	0.000	0.0%	0.6%
C19	0.000	0.0%	0.6%
C20	0.000	0.0%	0.6%
C21	0.377	2.1%	2.7%
C22	0.000	0.0%	2.7%
C23	0.000	0.0%	2.7%
C24	0.000	0.0%	2.7%
C25	1.389	7.6%	10.3%
C26	1.025	5.6%	15.9%
C27	0.000	0.0%	15.9%
C28	0.000	0.0%	15.9%
C29	0.000	0.0%	15.9%
C30	15.380	84.1%	100.0%
Totals:	18.28	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



[redacted] Analytical Technologies Inc. [redacted] Dr. [redacted] CA [redacted] (619) [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-3 4

Matrix SOIL

TI Sample Number 502303-11N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 2-Mar-95

ATI Data Filename: 3030121

Pract. Quant. Limit 5.00 mg/Kg

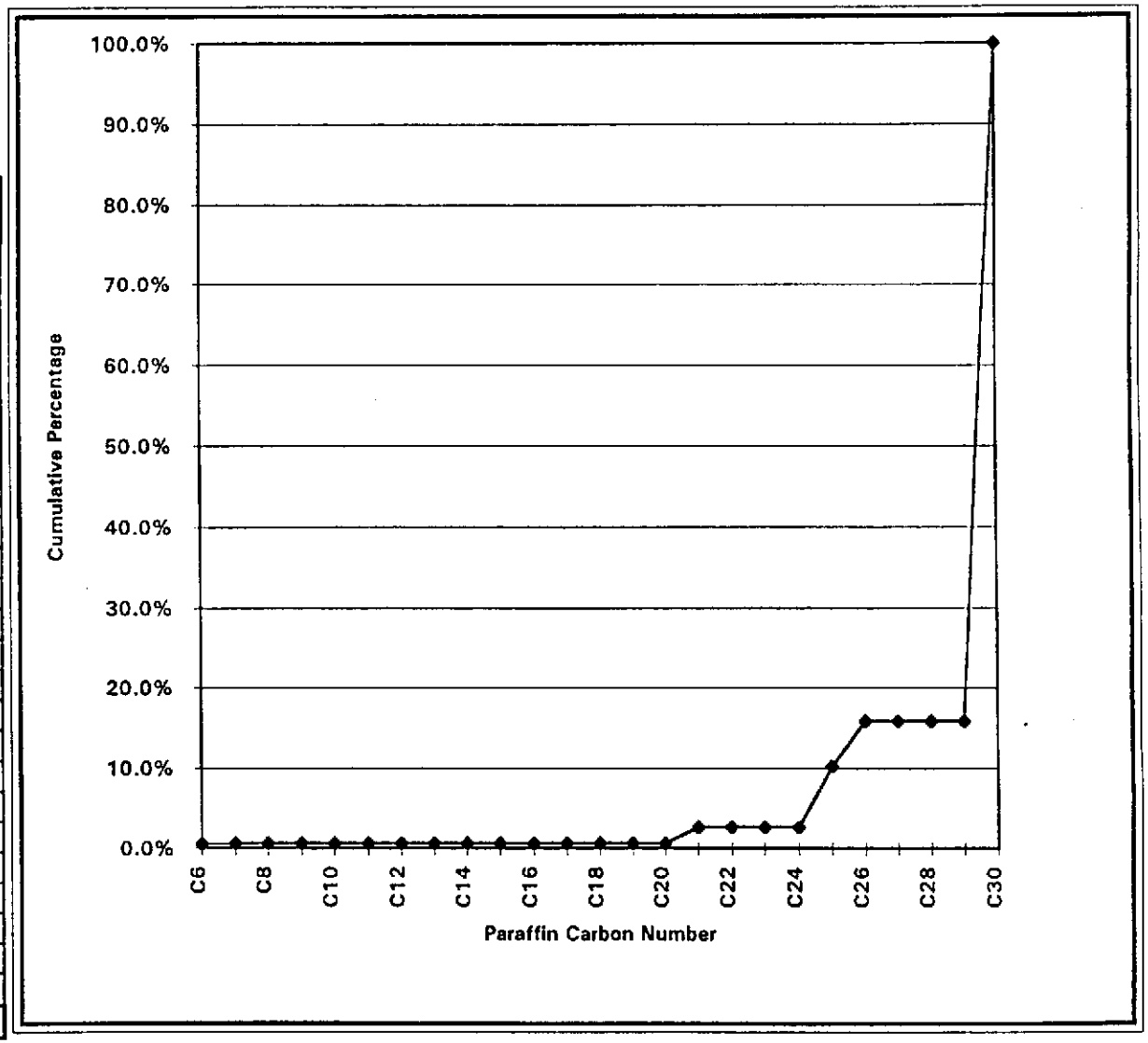
Comment:

Results: **1.02 mg/Kg Diesel quantitated between C6 and C25**

17.26 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.6%	0.6%
C7	0.0	0.1%	0.6%
C8	0.0	0.0%	0.6%
C9	0.0	0.0%	0.6%
C10	0.0	0.0%	0.6%
C11	0.0	0.0%	0.6%
C12	0.0	0.0%	0.6%
C13	0.0	0.0%	0.6%
C14	0.0	0.0%	0.6%
C15	0.0	0.0%	0.6%
C16	0.0	0.0%	0.6%
C17	0.0	0.0%	0.6%
C18	0.0	0.0%	0.6%
C19	0.0	0.0%	0.6%
C20	0.0	0.0%	0.6%
C21	0.4	2.1%	2.7%
C22	0.0	0.0%	2.7%
C23	0.0	0.0%	2.7%
C24	0.0	0.0%	2.7%
C25	1.4	7.6%	10.3%
C26	1.0	5.6%	15.9%
C27	0.0	0.0%	15.9%
C28	0.0	0.0%	15.9%
C29	0.0	0.0%	15.9%
C30	15.4	84.1%	100.0%
Totals:	18.28	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-3 5 1/2

Matrix SOIL

ATI Sample Number 502303-12N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030122
Pract. Quant. Limit 5.00 mg/Kg
Comment:

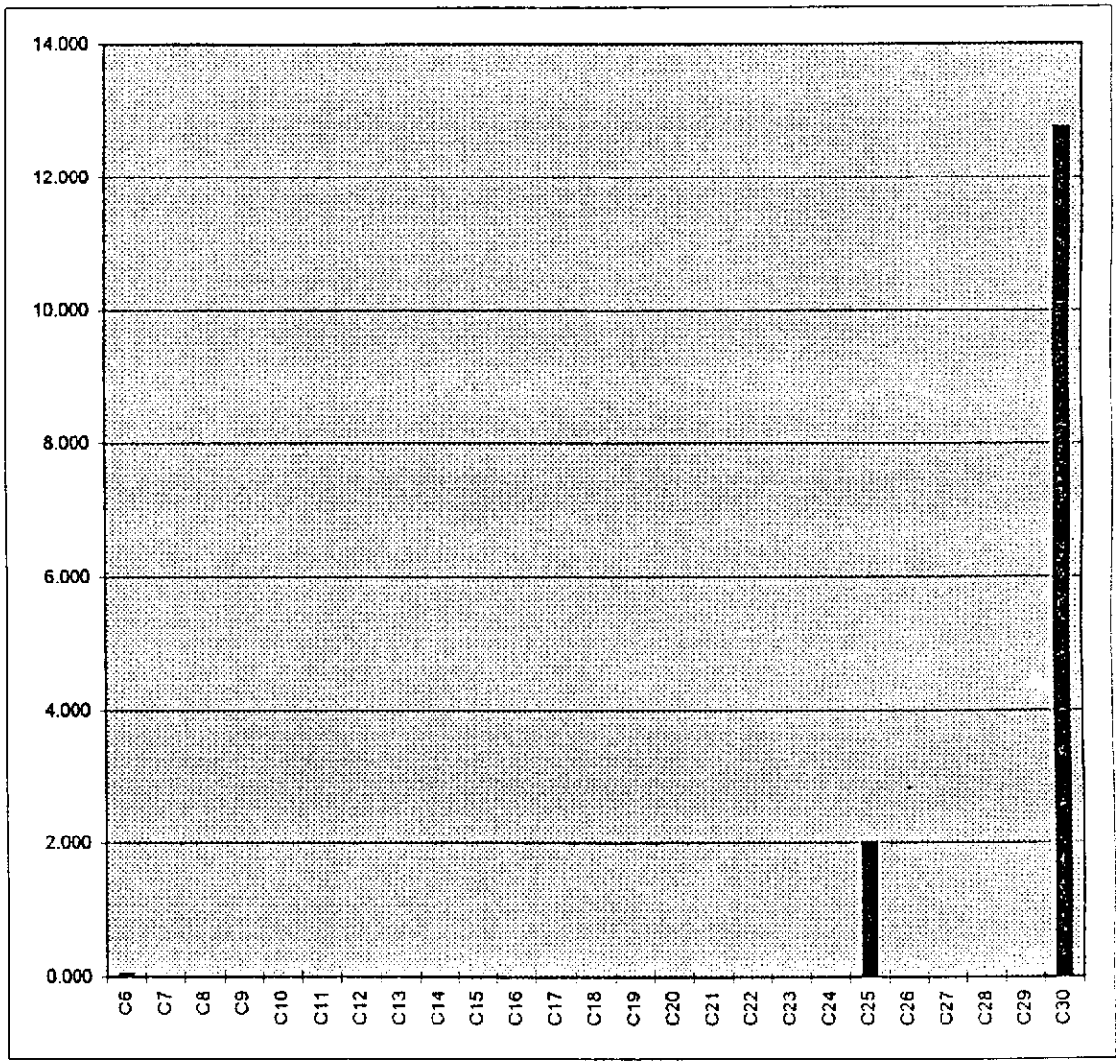
FINAL RESULTS:

0.40 mg/Kg Diesel quantitated between C6 and C25

14.44 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.054	0.4%	0.4%
C7	0.004	0.0%	0.4%
C8	0.000	0.0%	0.4%
C9	0.000	0.0%	0.4%
C10	0.000	0.0%	0.4%
C11	0.000	0.0%	0.4%
C12	0.000	0.0%	0.4%
C13	0.000	0.0%	0.4%
C14	0.000	0.0%	0.4%
C15	0.000	0.0%	0.4%
C16	0.000	0.0%	0.4%
C17	0.000	0.0%	0.4%
C18	0.000	0.0%	0.4%
C19	0.000	0.0%	0.4%
C20	0.000	0.0%	0.4%
C21	0.000	0.0%	0.4%
C22	0.000	0.0%	0.4%
C23	0.000	0.0%	0.4%
C24	0.000	0.0%	0.4%
C25	2.020	13.6%	14.0%
C26	0.000	0.0%	14.0%
C27	0.000	0.0%	14.0%
C28	0.000	0.0%	14.0%
C29	0.000	0.0%	14.0%
C30	12.753	86.0%	100.0%
Totals:	14.83	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



[redacted] Analytical Technology Inc [redacted] 550 [redacted] Dr. [redacted] San Diego, CA [redacted] 92121 [redacted] (619) [redacted] 450-9141 [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-3 5 1/2

Matrix SOIL

TI Sample Number 502303-12N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 2-Mar-95

ATI Data Filename: 3030122

Pract. Quant. Limit 5.00 mg/Kg

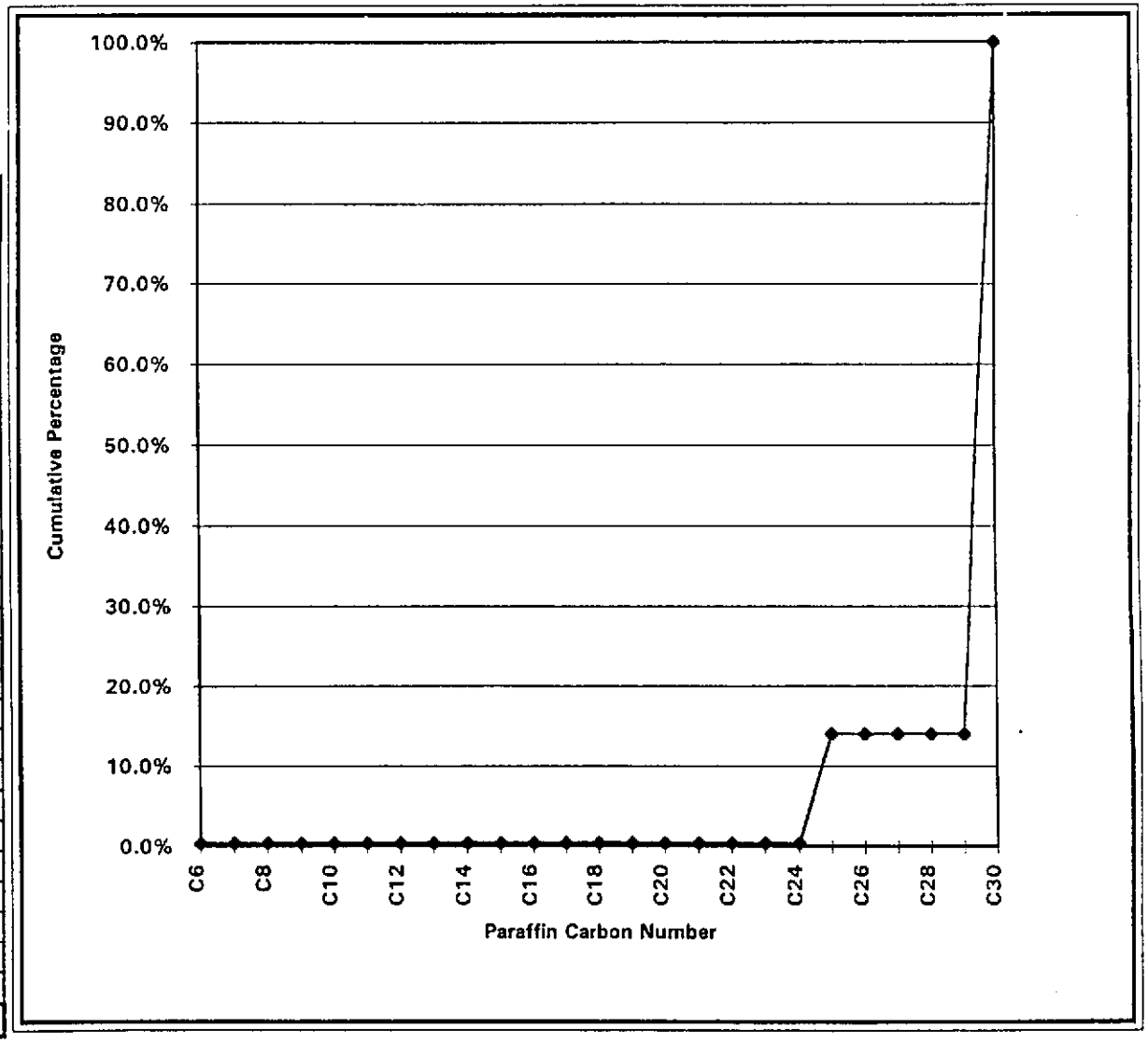
Comment:

Results: **0.40 mg/Kg Diesel quantitated between C6 and C25**

14.44 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.4%	0.4%
C7	0.0	0.0%	0.4%
C8	0.0	0.0%	0.4%
C9	0.0	0.0%	0.4%
C10	0.0	0.0%	0.4%
C11	0.0	0.0%	0.4%
C12	0.0	0.0%	0.4%
C13	0.0	0.0%	0.4%
C14	0.0	0.0%	0.4%
C15	0.0	0.0%	0.4%
C16	0.0	0.0%	0.4%
C17	0.0	0.0%	0.4%
C18	0.0	0.0%	0.4%
C19	0.0	0.0%	0.4%
C20	0.0	0.0%	0.4%
C21	0.0	0.0%	0.4%
C22	0.0	0.0%	0.4%
C23	0.0	0.0%	0.4%
C24	0.0	0.0%	0.4%
C25	2.0	13.6%	14.0%
C26	0.0	0.0%	14.0%
C27	0.0	0.0%	14.0%
C28	0.0	0.0%	14.0%
C29	0.0	0.0%	14.0%
C30	12.8	86.0%	100.0%
Totals:	14.83	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-4 4

Matrix SOIL

ATI Sample Number 502303-13N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 2-Mar-95
ATI Data Filename: 3030123
Pract. Quant. Limit 5.00 mg/Kg
Comment:

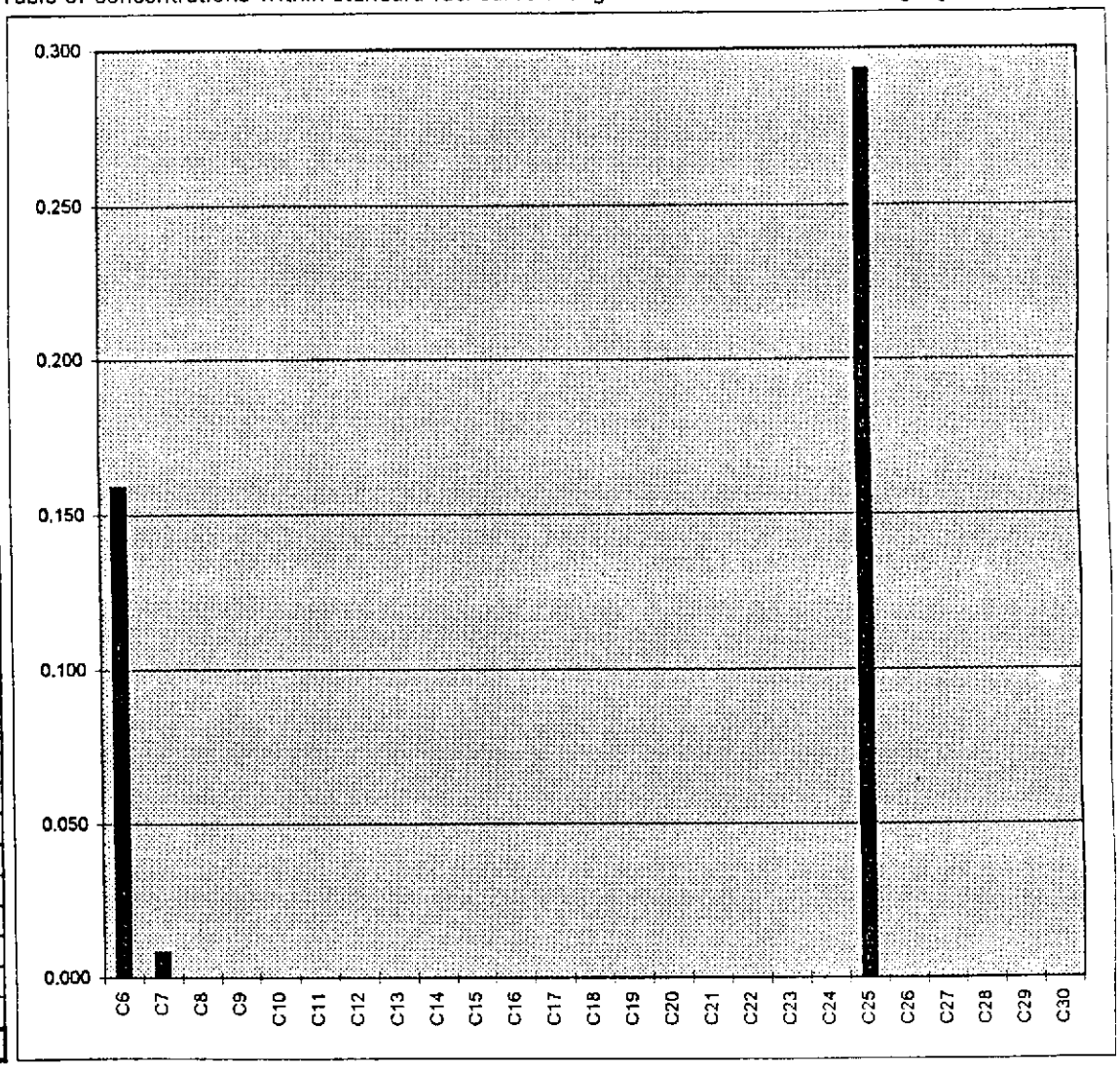
FINAL RESULTS:

0.19 mg/Kg Diesel quantitated between C6 and C25

0.27 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.159	34.5%	34.5%
C7	0.009	1.8%	36.4%
C8	0.000	0.0%	36.4%
C9	0.000	0.0%	36.4%
C10	0.000	0.0%	36.4%
C11	0.000	0.0%	36.4%
C12	0.000	0.0%	36.4%
C13	0.000	0.0%	36.4%
C14	0.000	0.0%	36.4%
C15	0.000	0.0%	36.4%
C16	0.000	0.0%	36.4%
C17	0.000	0.0%	36.4%
C18	0.000	0.0%	36.4%
C19	0.000	0.0%	36.4%
C20	0.000	0.0%	36.4%
C21	0.000	0.0%	36.4%
C22	0.000	0.0%	36.4%
C23	0.000	0.0%	36.4%
C24	0.000	0.0%	36.4%
C25	0.294	63.6%	100.0%
C26	0.000	0.0%	100.0%
C27	0.000	0.0%	100.0%
C28	0.000	0.0%	100.0%
C29	0.000	0.0%	100.0%
C30	0.000	0.0%	100.0%
Totals:	0.46	100.0%	



[redacted] [redacted] [redacted]haly[redacted] Te[redacted]logi[redacted]nc. [redacted]50 [redacted]hou[redacted]Dr. [redacted] Die[redacted]CA [redacted]21 [redacted]9) 4[redacted]141[redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-4 4

Matrix SOIL

TI Sample Number 502303-13N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 2-Mar-95

ATI Data Filename: 3030123

Pract. Quant. Limit 5.00 mg/Kg

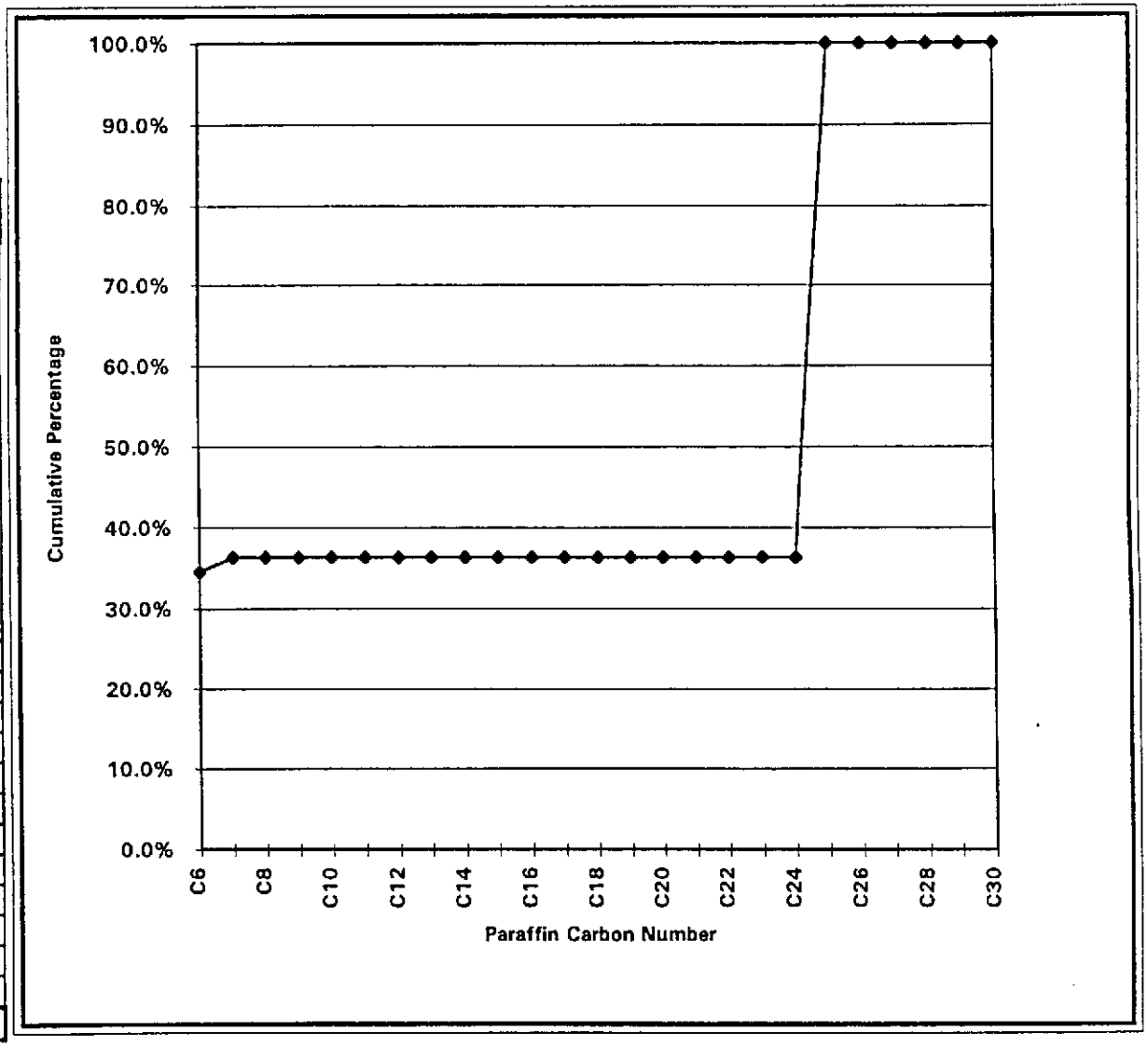
Comment:

Results: **0.19 mg/Kg Diesel quantitated between C6 and C25**

0.27 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.2	34.5%	34.5%
C7	0.0	1.8%	36.4%
C8	0.0	0.0%	36.4%
C9	0.0	0.0%	36.4%
C10	0.0	0.0%	36.4%
C11	0.0	0.0%	36.4%
C12	0.0	0.0%	36.4%
C13	0.0	0.0%	36.4%
C14	0.0	0.0%	36.4%
C15	0.0	0.0%	36.4%
C16	0.0	0.0%	36.4%
C17	0.0	0.0%	36.4%
C18	0.0	0.0%	36.4%
C19	0.0	0.0%	36.4%
C20	0.0	0.0%	36.4%
C21	0.0	0.0%	36.4%
C22	0.0	0.0%	36.4%
C23	0.0	0.0%	36.4%
C24	0.0	0.0%	36.4%
C25	0.3	63.6%	100.0%
C26	0.0	0.0%	100.0%
C27	0.0	0.0%	100.0%
C28	0.0	0.0%	100.0%
C29	0.0	0.0%	100.0%
C30	0.0	0.0%	100.0%
Totals:	0.46	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-4 5 1/2

Matrix SOIL

ATI Sample Number 502303-14N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030124
Pract. Quant. Limit 5.00 mg/Kg
Comment:

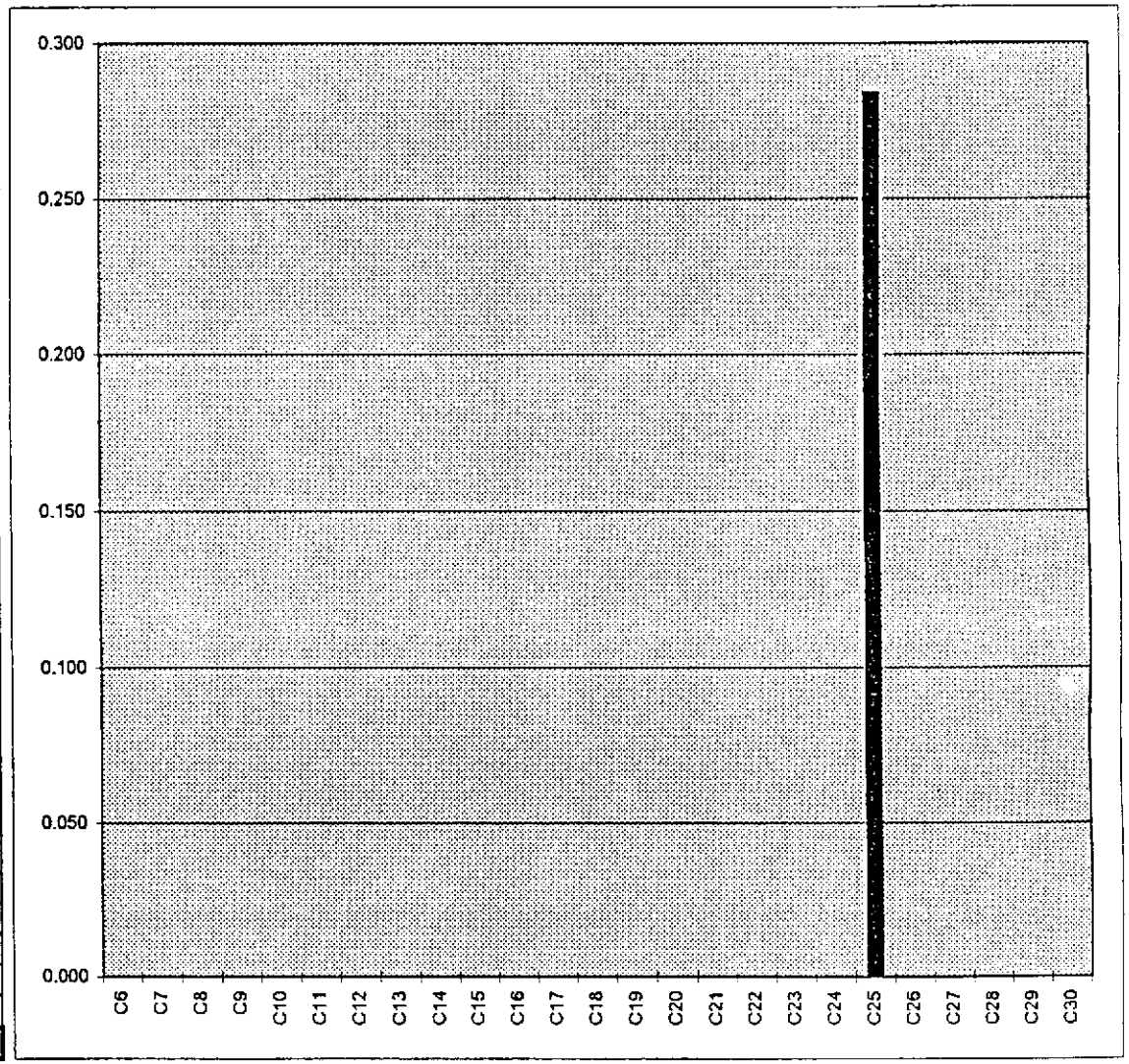
FINAL RESULTS:

0.04 mg/Kg Diesel quantitated between C6 and C25

0.25 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.000	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	0.000	0.0%	0.0%
C10	0.000	0.0%	0.0%
C11	0.000	0.0%	0.0%
C12	0.000	0.0%	0.0%
C13	0.000	0.0%	0.0%
C14	0.000	0.0%	0.0%
C15	0.000	0.0%	0.0%
C16	0.000	0.0%	0.0%
C17	0.000	0.0%	0.0%
C18	0.000	0.0%	0.0%
C19	0.000	0.0%	0.0%
C20	0.000	0.0%	0.0%
C21	0.000	0.0%	0.0%
C22	0.000	0.0%	0.0%
C23	0.000	0.0%	0.0%
C24	0.000	0.0%	0.0%
C25	0.284	100.0%	100.0%
C26	0.000	0.0%	100.0%
C27	0.000	0.0%	100.0%
C28	0.000	0.0%	100.0%
C29	0.000	0.0%	100.0%
C30	0.000	0.0%	100.0%
Totals:	0.28	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



Analytical Technologies, Inc. [redacted] Morehouse Dr. [redacted] San Diego, CA [redacted] (619) [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-4 5 1/2

Matrix SOIL

TI Sample Number 502303-14N 2/28

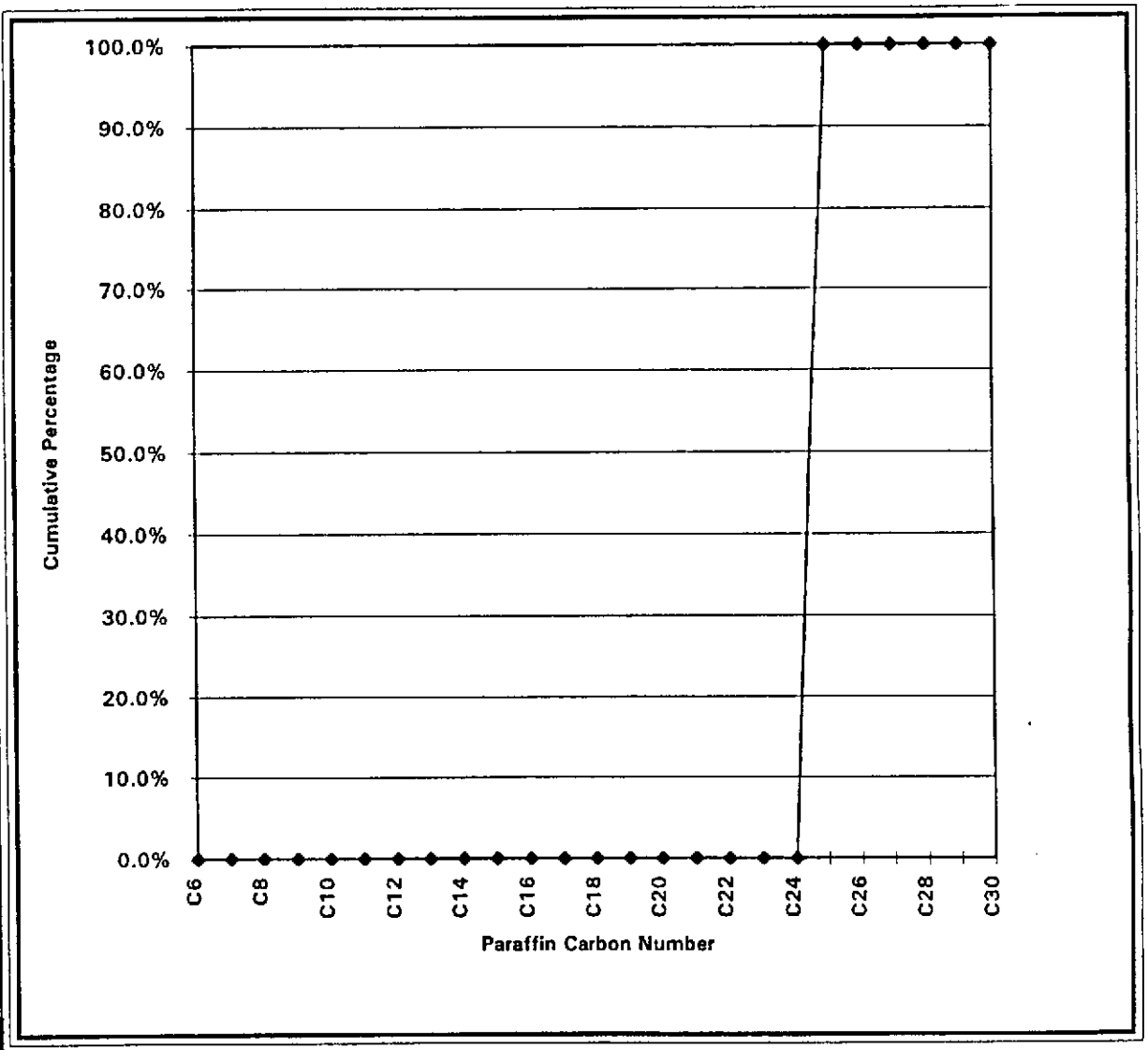
Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030124
Pract. Quant. Limit 5.00 mg/Kg
Comment:

Results: **0.04 mg/Kg Diesel quantitated between C6 and C25**

0.25 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.0	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.0%	0.0%
C9	0.0	0.0%	0.0%
C10	0.0	0.0%	0.0%
C11	0.0	0.0%	0.0%
C12	0.0	0.0%	0.0%
C13	0.0	0.0%	0.0%
C14	0.0	0.0%	0.0%
C15	0.0	0.0%	0.0%
C16	0.0	0.0%	0.0%
C17	0.0	0.0%	0.0%
C18	0.0	0.0%	0.0%
C19	0.0	0.0%	0.0%
C20	0.0	0.0%	0.0%
C21	0.0	0.0%	0.0%
C22	0.0	0.0%	0.0%
C23	0.0	0.0%	0.0%
C24	0.0	0.0%	0.0%
C25	0.3	100.0%	100.0%
C26	0.0	0.0%	100.0%
C27	0.0	0.0%	100.0%
C28	0.0	0.0%	100.0%
C29	0.0	0.0%	100.0%
C30	0.0	0.0%	100.0%
Totals:	0.28	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-5 4

Matrix SOIL

ATI Sample Number 502303-15N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030125
Pract. Quant. Limit 5.00 mg/Kg
Comment:

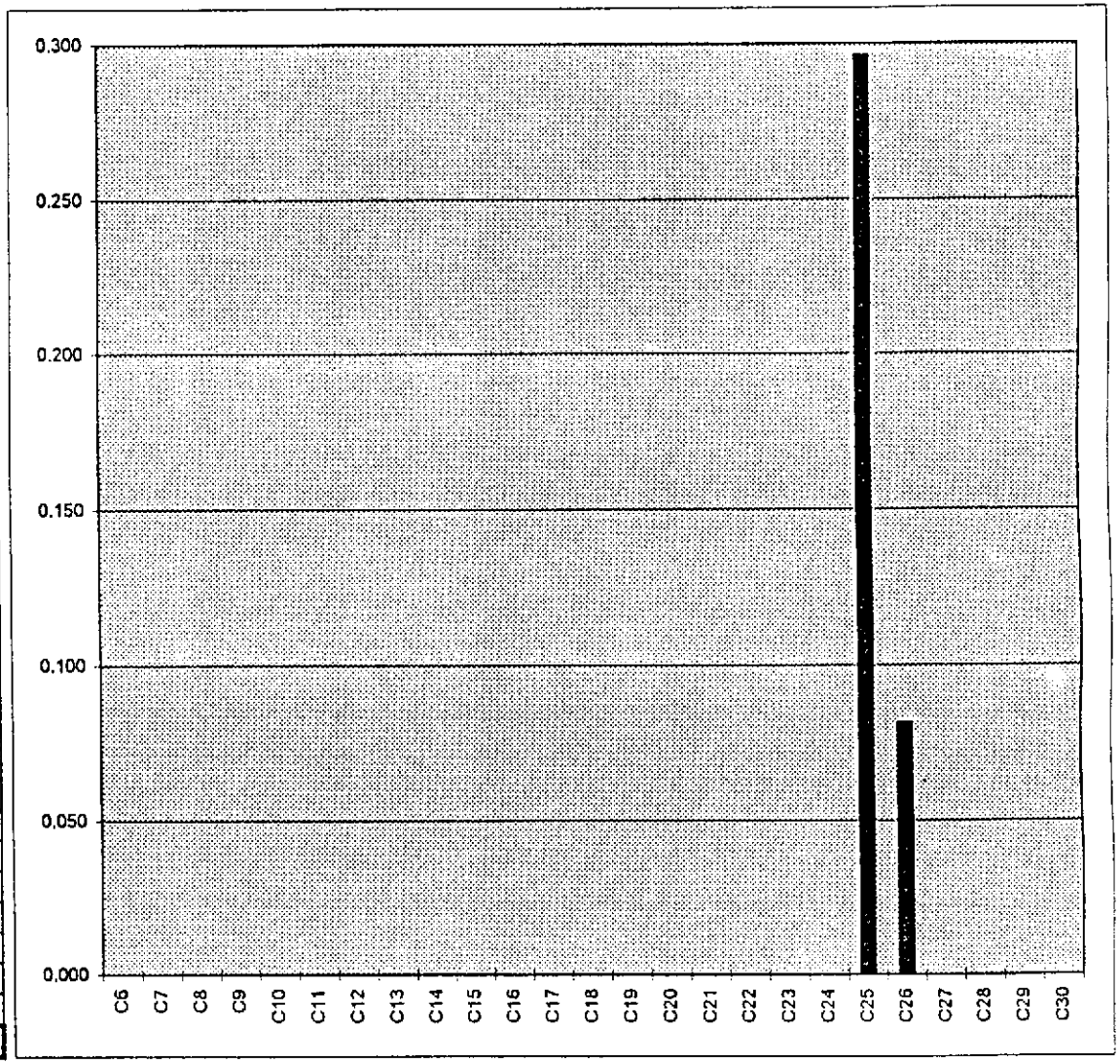
FINAL RESULTS:

0.02 mg/Kg Diesel quantitated between C6 and C25

0.35 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.000	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	0.000	0.0%	0.0%
C10	0.000	0.0%	0.0%
C11	0.000	0.0%	0.0%
C12	0.000	0.0%	0.0%
C13	0.000	0.0%	0.0%
C14	0.000	0.0%	0.0%
C15	0.000	0.0%	0.0%
C16	0.000	0.0%	0.0%
C17	0.000	0.0%	0.0%
C18	0.000	0.0%	0.0%
C19	0.000	0.0%	0.0%
C20	0.000	0.0%	0.0%
C21	0.000	0.0%	0.0%
C22	0.000	0.0%	0.0%
C23	0.000	0.0%	0.0%
C24	0.000	0.0%	0.0%
C25	0.296	78.4%	78.4%
C26	0.082	21.6%	100.0%
C27	0.000	0.0%	100.0%
C28	0.000	0.0%	100.0%
C29	0.000	0.0%	100.0%
C30	0.000	0.0%	100.0%
Totals:	0.38	100.0%	



[redacted] [redacted] [redacted]haly[redacted] Te[redacted]log[redacted]nc. [redacted]50 [redacted]ehou[redacted]Dr. [redacted] Di[redacted]CA [redacted]21 [redacted]9) 4[redacted]14[redacted] [redacted] [redacted] [redacted] [redacted]

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-5 4

Matrix SOIL

TI Sample Number 502303-15N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 3-Mar-95

ATI Data Filename: 3030125

Pract. Quant. Limit 5.00 mg/Kg

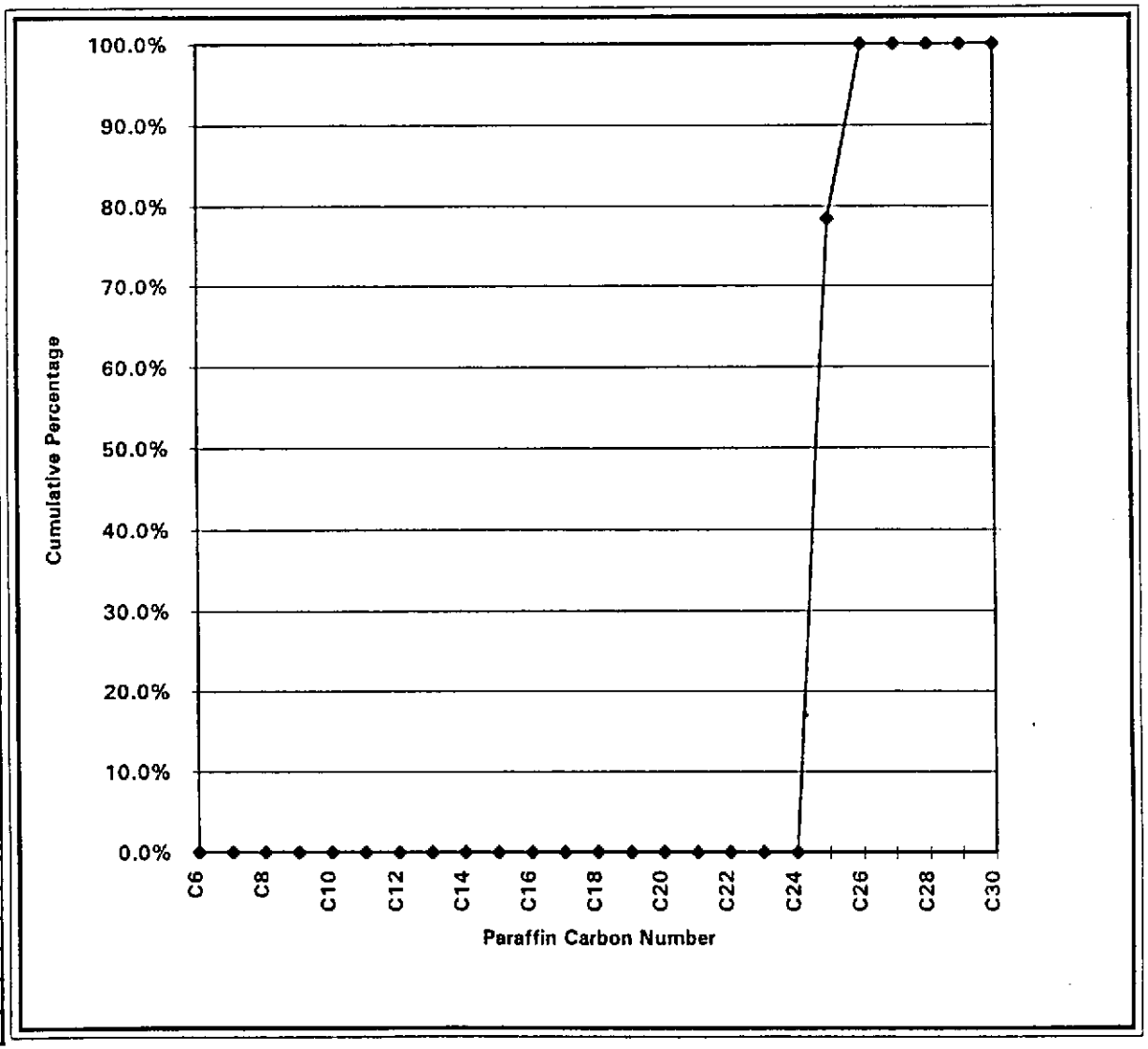
Comment:

Results: **0.02 mg/Kg Diesel quantitated between C6 and C25**

0.35 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.0	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.0%	0.0%
C9	0.0	0.0%	0.0%
C10	0.0	0.0%	0.0%
C11	0.0	0.0%	0.0%
C12	0.0	0.0%	0.0%
C13	0.0	0.0%	0.0%
C14	0.0	0.0%	0.0%
C15	0.0	0.0%	0.0%
C16	0.0	0.0%	0.0%
C17	0.0	0.0%	0.0%
C18	0.0	0.0%	0.0%
C19	0.0	0.0%	0.0%
C20	0.0	0.0%	0.0%
C21	0.0	0.0%	0.0%
C22	0.0	0.0%	0.0%
C23	0.0	0.0%	0.0%
C24	0.0	0.0%	0.0%
C25	0.3	78.4%	78.4%
C26	0.1	21.6%	100.0%
C27	0.0	0.0%	100.0%
C28	0.0	0.0%	100.0%
C29	0.0	0.0%	100.0%
C30	0.0	0.0%	100.0%
Totals:	0.38	100.0%	

Graph of Cumulative Percent by Paraffin Range



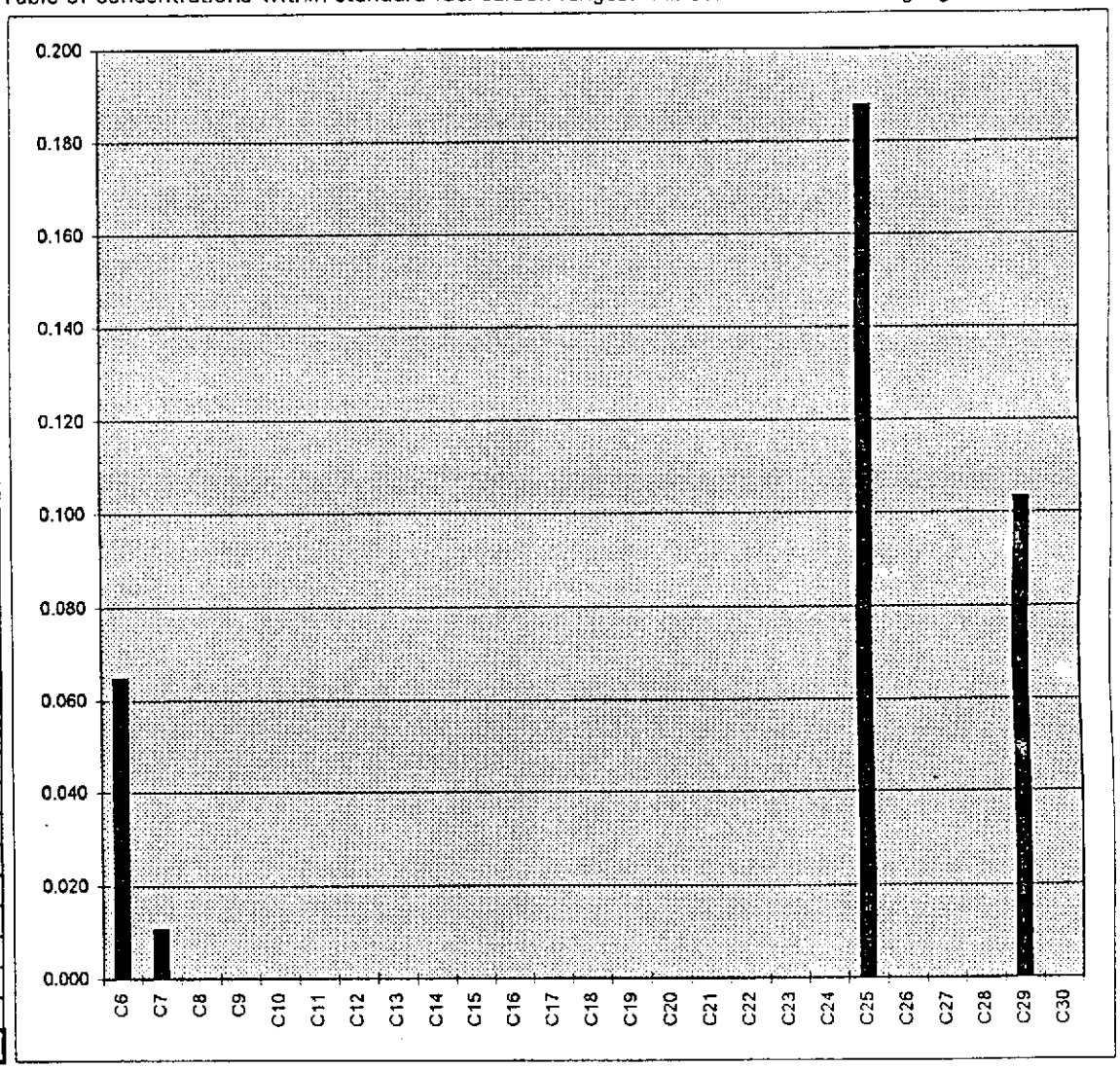
Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE
Client Descript.: B-5 5 1/2
Matrix SOIL
ATI Sample Number 502303-16N 2/28
Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030126
Pract. Quant. Limit 5.00 mg/Kg
Comment:

FINAL RESULTS:
0.08 mg/Kg Diesel quantitated between C6 and C25
0.28 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.065	17.7%	17.7%
C7	0.011	2.9%	20.6%
C8	0.000	0.0%	20.6%
C9	0.000	0.0%	20.6%
C10	0.000	0.0%	20.6%
C11	0.000	0.0%	20.6%
C12	0.000	0.0%	20.6%
C13	0.000	0.0%	20.6%
C14	0.000	0.0%	20.6%
C15	0.000	0.0%	20.6%
C16	0.000	0.0%	20.6%
C17	0.000	0.0%	20.6%
C18	0.000	0.0%	20.6%
C19	0.000	0.0%	20.6%
C20	0.000	0.0%	20.6%
C21	0.000	0.0%	20.6%
C22	0.000	0.0%	20.6%
C23	0.000	0.0%	20.6%
C24	0.000	0.0%	20.6%
C25	0.188	51.2%	71.8%
C26	0.000	0.0%	71.8%
C27	0.000	0.0%	71.8%
C28	0.000	0.0%	71.8%
C29	0.103	28.2%	100.0%
C30	0.000	0.0%	100.0%
Totals:	0.37	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-5 5 1/2

Matrix SOIL

TI Sample Number 502303-16N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 3-Mar-95

ATI Data Filename: 3030126

Pract. Quant. Limit 5.00 mg/Kg

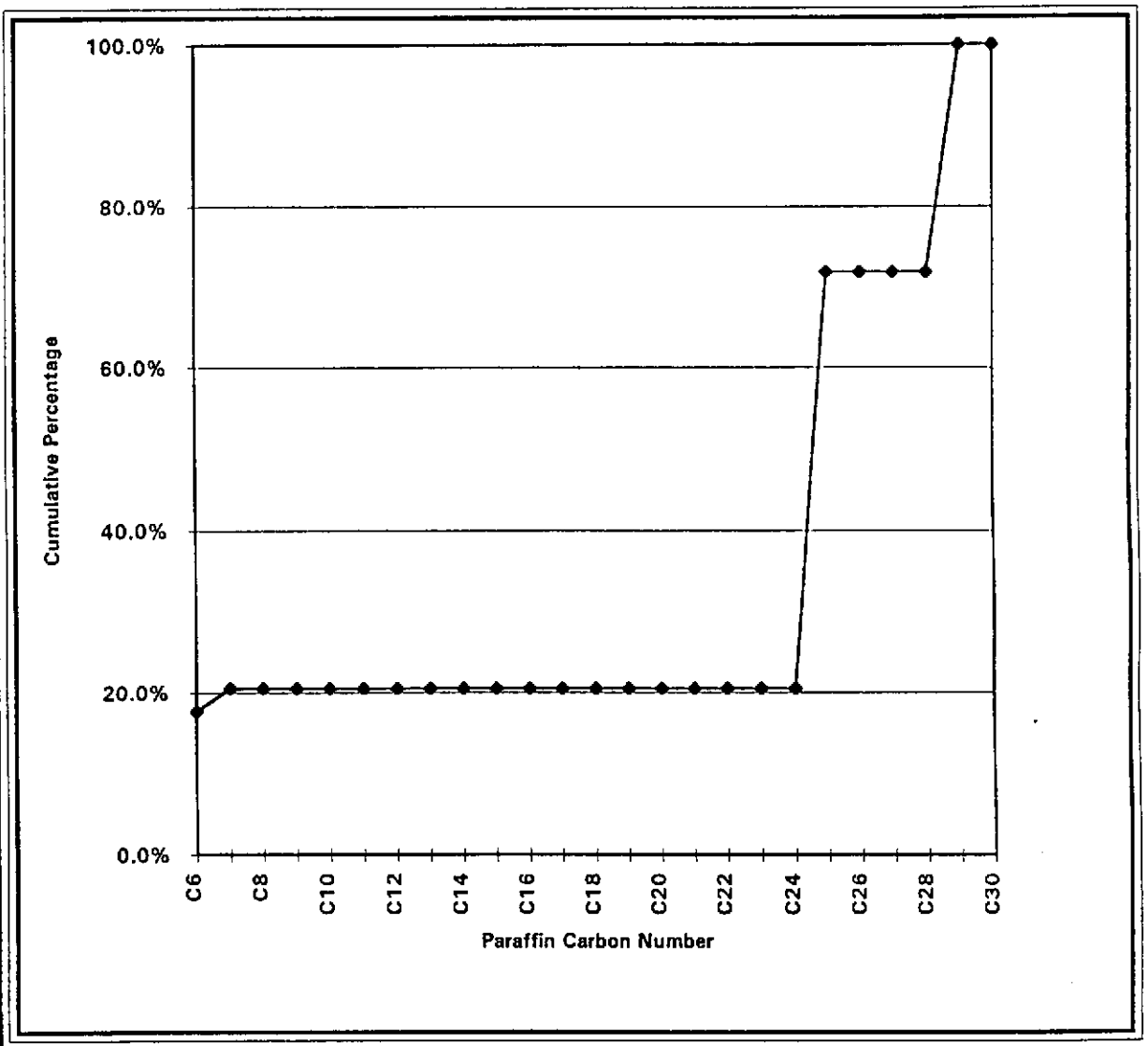
Comment:

Results: **0.08 mg/Kg Diesel quantitated between C6 and C25**

0.28 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	17.7%	17.7%
C7	0.0	2.9%	20.6%
C8	0.0	0.0%	20.6%
C9	0.0	0.0%	20.6%
C10	0.0	0.0%	20.6%
C11	0.0	0.0%	20.6%
C12	0.0	0.0%	20.6%
C13	0.0	0.0%	20.6%
C14	0.0	0.0%	20.6%
C15	0.0	0.0%	20.6%
C16	0.0	0.0%	20.6%
C17	0.0	0.0%	20.6%
C18	0.0	0.0%	20.6%
C19	0.0	0.0%	20.6%
C20	0.0	0.0%	20.6%
C21	0.0	0.0%	20.6%
C22	0.0	0.0%	20.6%
C23	0.0	0.0%	20.6%
C24	0.0	0.0%	20.6%
C25	0.2	51.2%	71.8%
C26	0.0	0.0%	71.8%
C27	0.0	0.0%	71.8%
C28	0.0	0.0%	71.8%
C29	0.1	28.2%	100.0%
C30	0.0	0.0%	100.0%
Totals:	0.37	100.0%	

Graph of Cumulative Percent by Paraffin Range



Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-6 2 1/2

Matrix SOIL

ATI Sample Number 502303-17N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 4-Mar-95
ATI Data Filename: 3030331
Pract. Quant. Limit 5.00 mg/Kg
Comment:

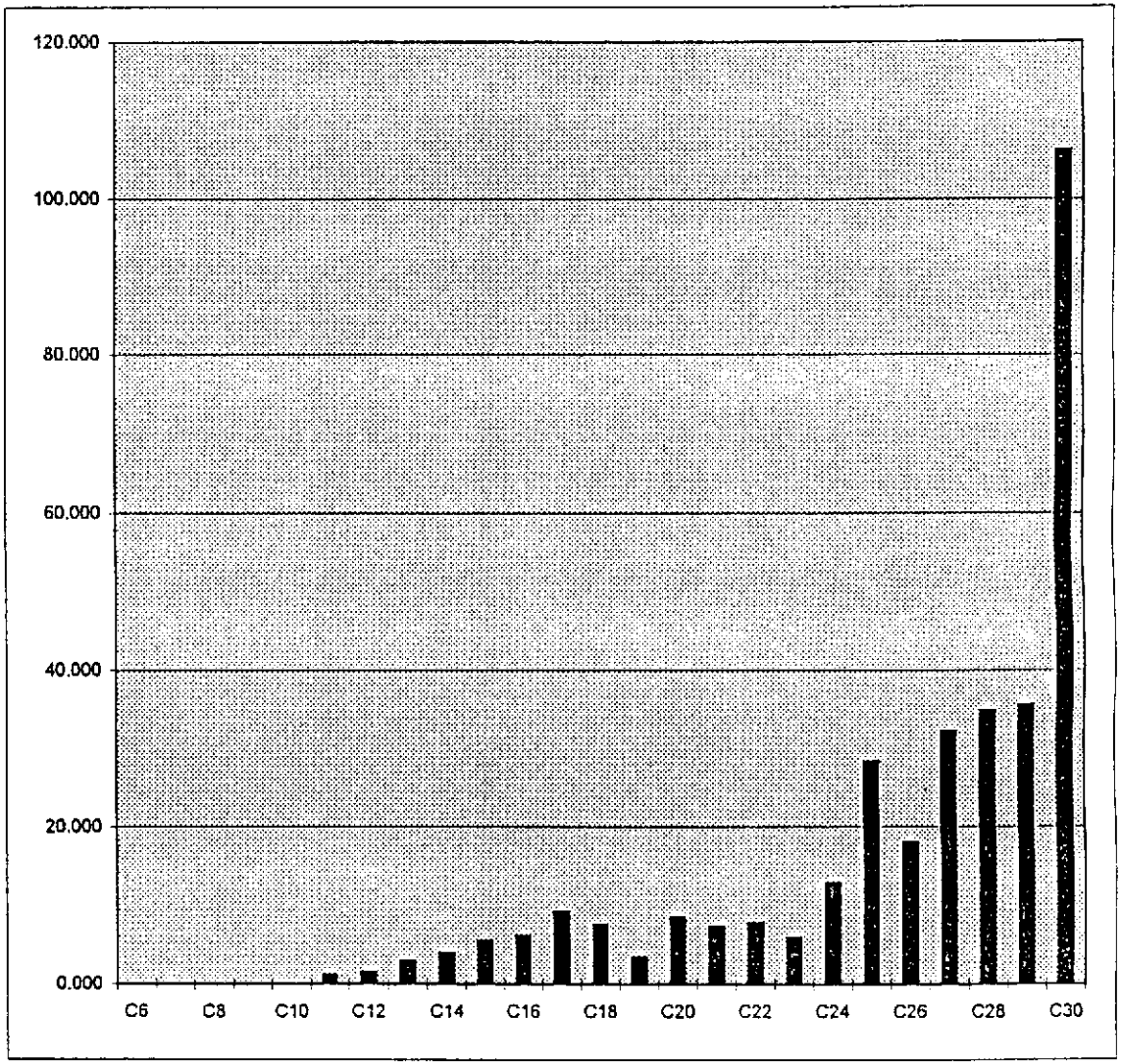
FINAL RESULTS:

87.29 mg/Kg Diesel quantitated between C6 and C25

253.71 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.000	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	0.000	0.0%	0.0%
C10	0.000	0.0%	0.0%
C11	1.230	0.4%	0.4%
C12	1.561	0.5%	0.8%
C13	3.139	0.9%	1.7%
C14	4.099	1.2%	2.9%
C15	5.647	1.7%	4.6%
C16	6.317	1.9%	6.4%
C17	9.272	2.7%	9.2%
C18	7.708	2.3%	11.4%
C19	3.560	1.0%	12.5%
C20	8.608	2.5%	15.0%
C21	7.481	2.2%	17.2%
C22	7.870	2.3%	19.5%
C23	6.115	1.8%	21.3%
C24	13.003	3.8%	25.1%
C25	28.371	8.3%	33.4%
C26	18.044	5.3%	38.7%
C27	32.159	9.4%	48.1%
C28	34.919	10.2%	58.4%
C29	35.648	10.5%	68.8%
C30	106.248	31.2%	100.0%
Totals:	341.00	100.0%	



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-6 2 1/2

Matrix SOIL

TI Sample Number 502303-17N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 4-Mar-95

ATI Data Filename: 3030331

Pract. Quant. Limit 5.00 mg/Kg

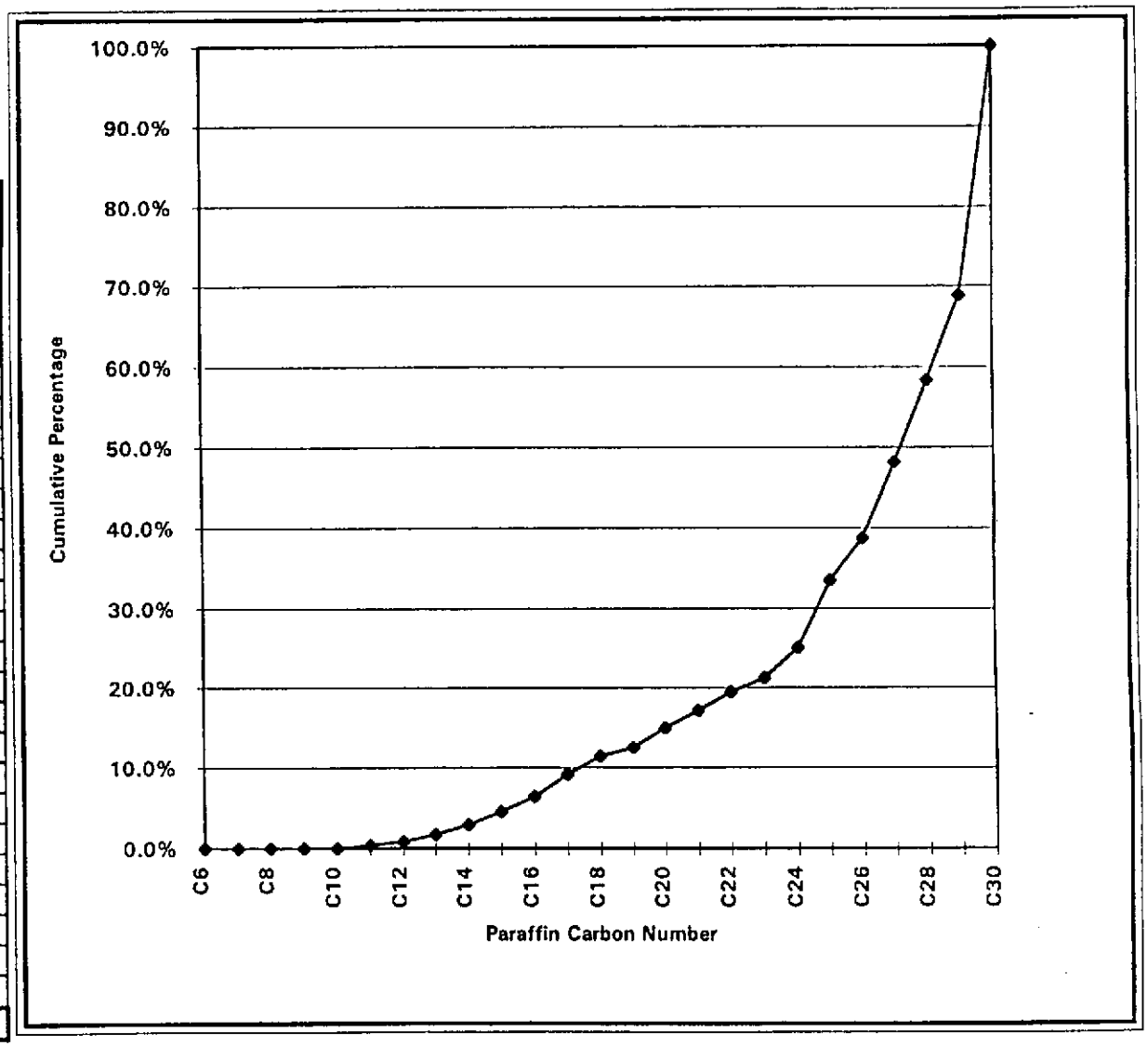
Comment:

Results: 87.29 mg/Kg Diesel quantitated between C6 and C25

253.71 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.0	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.0	0.0%	0.0%
C9	0.0	0.0%	0.0%
C10	0.0	0.0%	0.0%
C11	1.2	0.4%	0.4%
C12	1.6	0.5%	0.8%
C13	3.1	0.9%	1.7%
C14	4.1	1.2%	2.9%
C15	5.6	1.7%	4.6%
C16	6.3	1.9%	6.4%
C17	9.3	2.7%	9.2%
C18	7.7	2.3%	11.4%
C19	3.6	1.0%	12.5%
C20	8.6	2.5%	15.0%
C21	7.5	2.2%	17.2%
C22	7.9	2.3%	19.5%
C23	6.1	1.8%	21.3%
C24	13.0	3.8%	25.1%
C25	28.4	8.3%	33.4%
C26	18.0	5.3%	38.7%
C27	32.2	9.4%	48.1%
C28	34.9	10.2%	58.4%
C29	35.6	10.5%	68.8%
C30	106.2	31.2%	100.0%
Totals:	341.00	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-6 4

Matrix SOIL

ATI Sample Number 502303-18N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030139
Pract. Quant. Limit 5.00 mg/Kg
Comment:

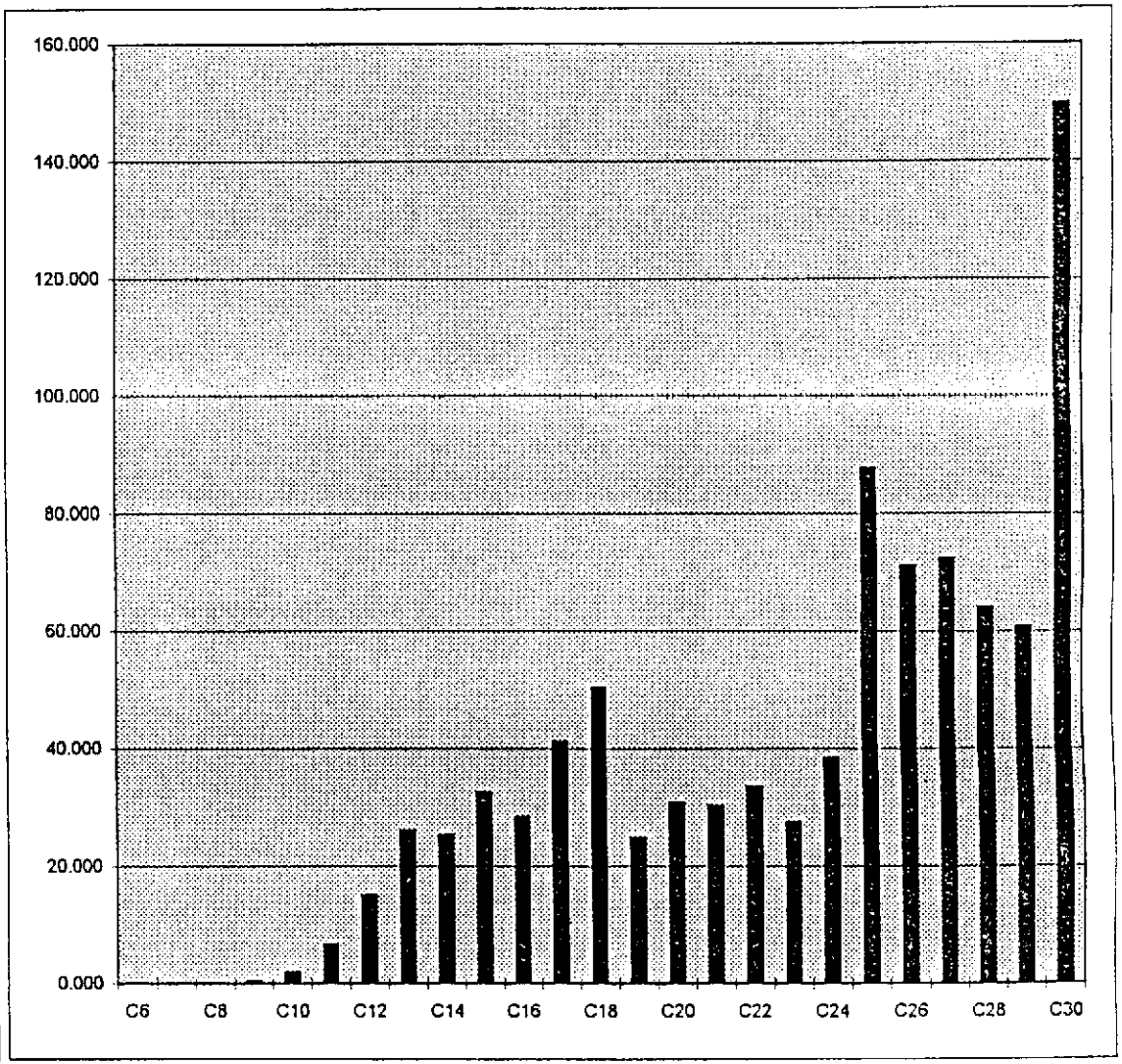
FINAL RESULTS:

422.42 mg/Kg Diesel quantitated between C6 and C25

498.74 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.125	0.0%	0.0%
C7	0.025	0.0%	0.0%
C8	0.139	0.0%	0.0%
C9	0.482	0.1%	0.1%
C10	2.061	0.2%	0.3%
C11	6.731	0.7%	1.0%
C12	15.234	1.7%	2.7%
C13	26.173	2.8%	5.5%
C14	25.432	2.8%	8.3%
C15	32.484	3.5%	11.8%
C16	28.397	3.1%	14.9%
C17	41.354	4.5%	19.4%
C18	50.700	5.5%	24.9%
C19	24.906	2.7%	27.6%
C20	30.804	3.3%	30.9%
C21	30.251	3.3%	34.2%
C22	33.503	3.6%	37.9%
C23	27.559	3.0%	40.9%
C24	38.487	4.2%	45.0%
C25	87.724	9.5%	54.6%
C26	71.168	7.7%	62.3%
C27	72.496	7.9%	70.2%
C28	64.160	7.0%	77.1%
C29	60.890	6.6%	83.7%
C30	149.875	16.3%	100.0%
Totals:	921.16	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



[redacted] Inc [redacted] Dr. [redacted] CA [redacted] 9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-6 4

Matrix SOIL

TI Sample Number 502303-18N 2/28

Amount Ext'd: 10.0 grams

Extract Vol: 10.0 ml

Dilution: 1

Date of Analysis 3-Mar-95

ATI Data Filename: 3030139

Pract. Quant. Limit 5.00 mg/Kg

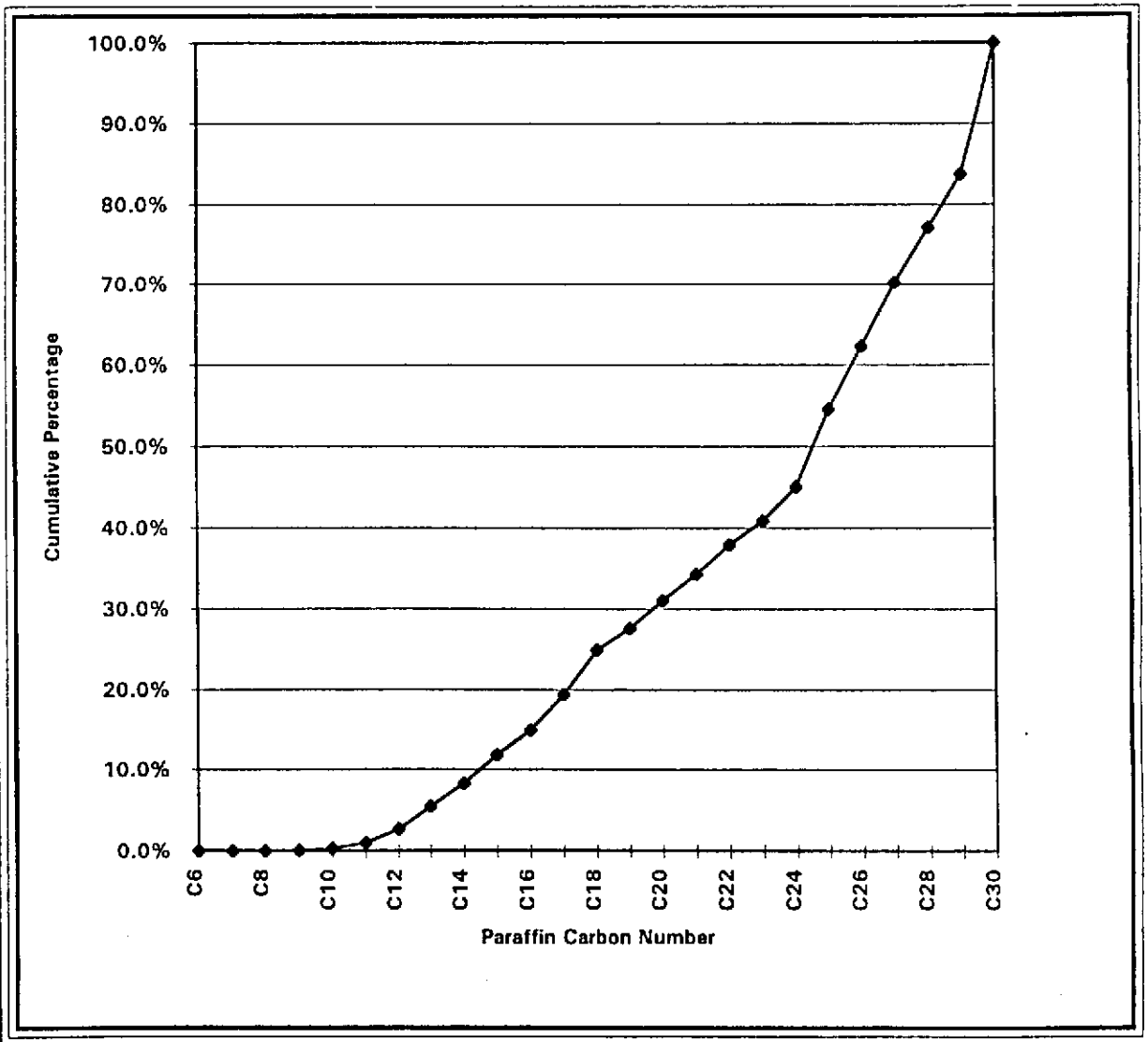
Comment:

Results: **422.42 mg/Kg Diesel quantitated between C6 and C25**

498.74 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel mg/Kg	Percent of Total	Cum. Percent
C6	0.1	0.0%	0.0%
C7	0.0	0.0%	0.0%
C8	0.1	0.0%	0.0%
C9	0.5	0.1%	0.1%
C10	2.1	0.2%	0.3%
C11	6.7	0.7%	1.0%
C12	15.2	1.7%	2.7%
C13	26.2	2.8%	5.5%
C14	25.4	2.8%	8.3%
C15	32.5	3.5%	11.8%
C16	28.4	3.1%	14.9%
C17	41.4	4.5%	19.4%
C18	50.7	5.5%	24.9%
C19	24.9	2.7%	27.6%
C20	30.8	3.3%	30.9%
C21	30.3	3.3%	34.2%
C22	33.5	3.6%	37.9%
C23	27.6	3.0%	40.9%
C24	38.5	4.2%	45.0%
C25	87.7	9.5%	54.6%
C26	71.2	7.7%	62.3%
C27	72.5	7.9%	70.2%
C28	64.2	7.0%	77.1%
C29	60.9	6.6%	83.7%
C30	149.9	16.3%	100.0%
Totals:	921.16	100.0%	

Graph of Cumulative Percent by Paraffin Range



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-6 5 1/2

Matrix SOIL

ATI Sample Number 502303-19N 2/28 X20

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 20
Date of Analysis 6-Mar-95
ATI Data Filename: 3030607
Pract. Quant. Limit 100.00 mg/Kg
Comment:

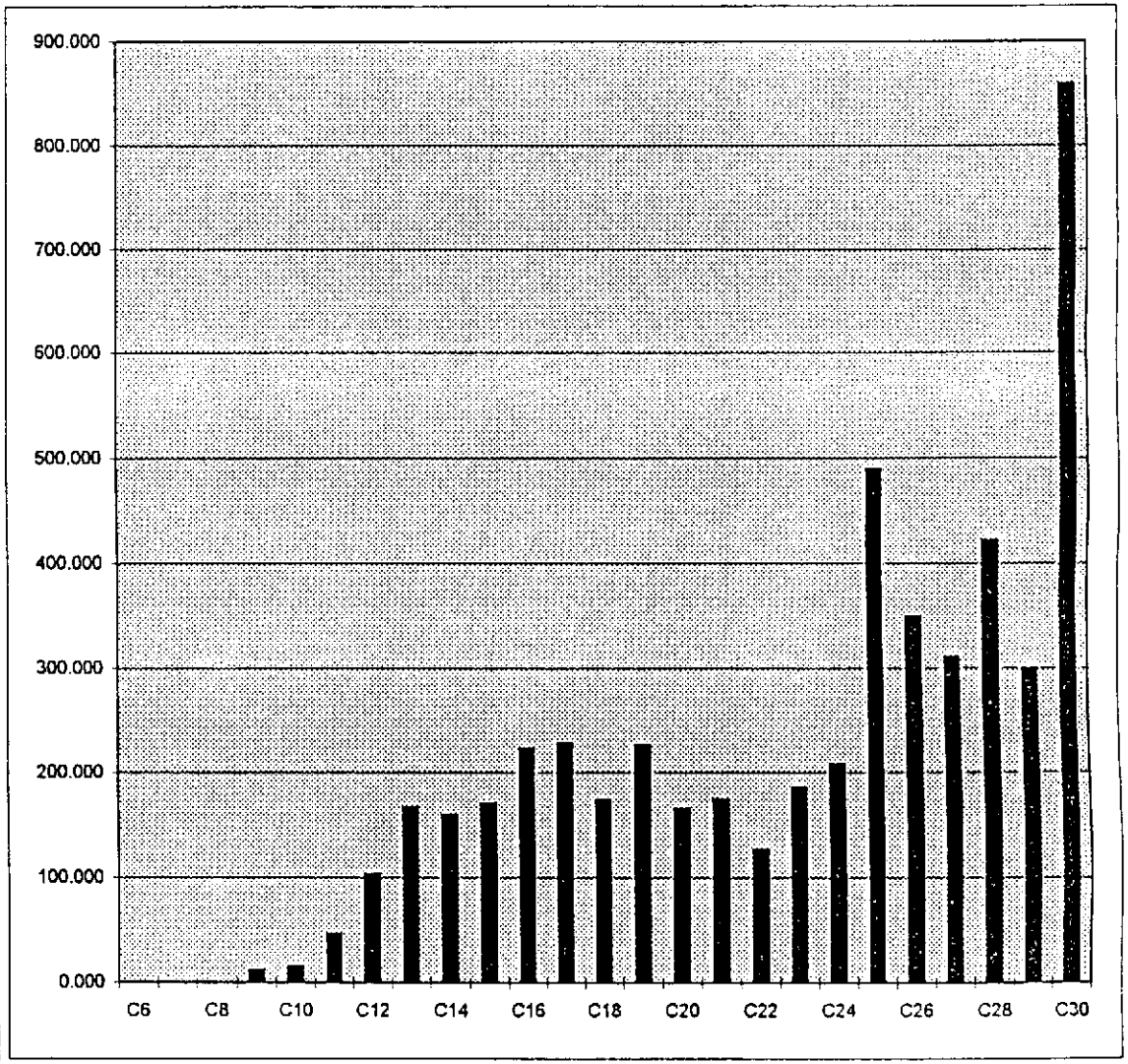
FINAL RESULTS:

2433.72 mg/Kg Diesel quantitated between C6 and C25

2689.99 mg/Kg Motor Oil quantitated between C25 and C30

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.489	0.0%	0.0%
C7	0.000	0.0%	0.0%
C8	0.000	0.0%	0.0%
C9	11.851	0.2%	0.2%
C10	15.942	0.3%	0.6%
C11	46.346	0.9%	1.5%
C12	104.083	2.0%	3.5%
C13	167.346	3.3%	6.8%
C14	159.942	3.1%	9.9%
C15	171.318	3.3%	13.2%
C16	223.065	4.4%	17.6%
C17	228.199	4.5%	22.0%
C18	174.373	3.4%	25.4%
C19	227.021	4.4%	29.9%
C20	166.200	3.2%	33.1%
C21	175.008	3.4%	36.5%
C22	127.268	2.5%	39.0%
C23	185.967	3.6%	42.6%
C24	208.090	4.1%	46.7%
C25	489.946	9.6%	56.3%
C26	349.626	6.8%	63.1%
C27	310.445	6.1%	69.1%
C28	421.825	8.2%	77.4%
C29	299.823	5.9%	83.2%
C30	859.534	16.8%	100.0%
Totals:	5,123.71	100.0%	

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.



Analytical Technologies, Inc. 5550 Morehouse Dr. San Diego, CA 92121 (619) 458-9141

Client: INDUSTRIAL COMPLIANCE

Client Descript.: B-6 7

Matrix SOIL

ATI Sample Number 502303-20N 2/28

Amount Ext'd: 10.0 grams
Extract Vol: 10.0 ml
Dilution: 1
Date of Analysis 3-Mar-95
ATI Data Filename: 3030133
Pract. Quant. Limit 5.00 mg/Kg
Comment:

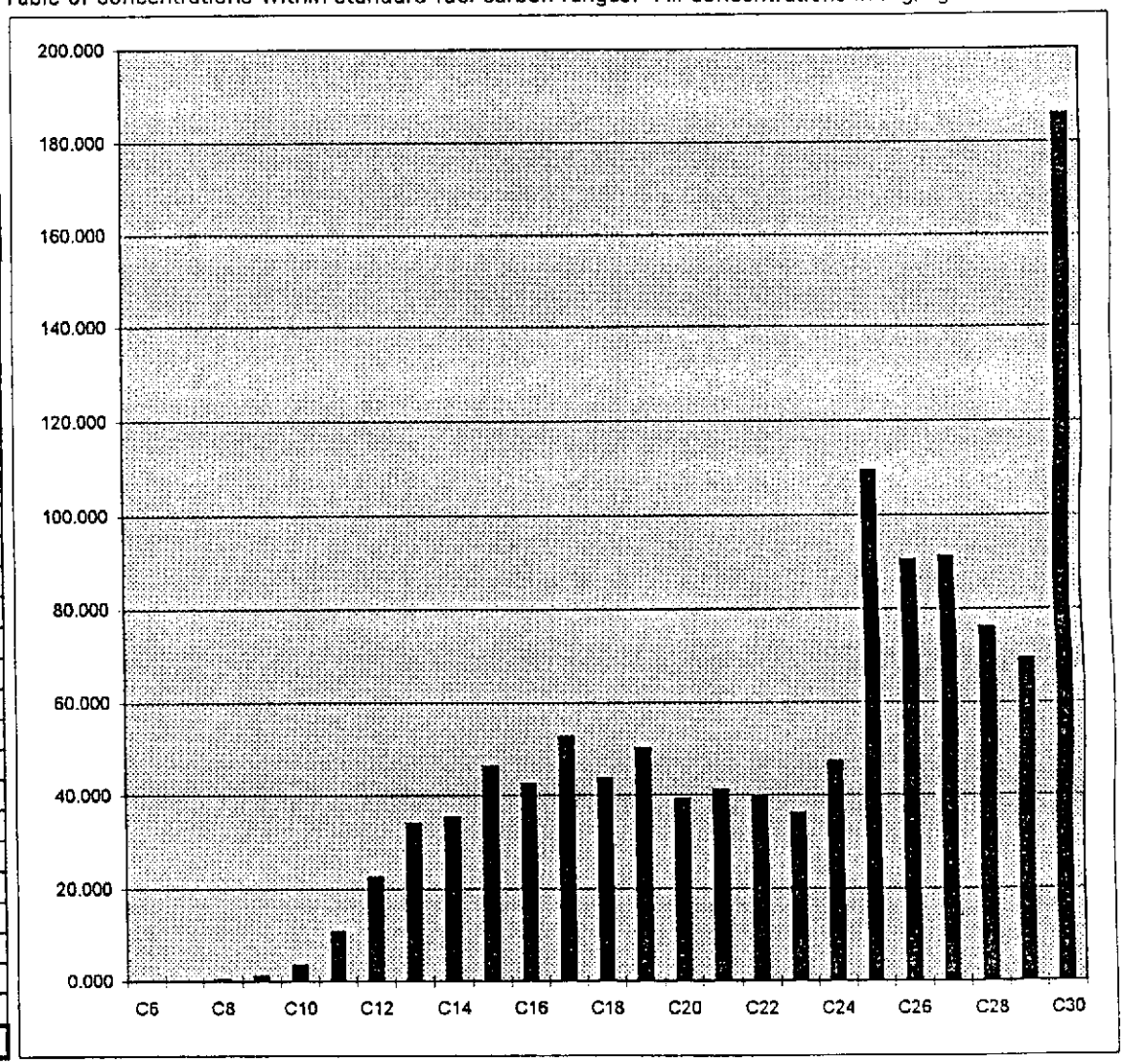
FINAL RESULTS:

557.49 mg/Kg Diesel quantitated between C6 and C25

613.43 mg/Kg Motor Oil quantitated between C25 and C30

Table of concentrations within standard fuel carbon ranges. All concentrations in mg/Kg.

Paraffin Range	Fuel Conc.	Percent of Total	Cum. Percent
C6	0.121	0.0%	0.0%
C7	0.079	0.0%	0.0%
C8	0.400	0.0%	0.1%
C9	1.232	0.1%	0.2%
C10	3.662	0.3%	0.5%
C11	10.904	0.9%	1.4%
C12	22.691	1.9%	3.3%
C13	33.937	2.9%	6.2%
C14	35.423	3.0%	9.3%
C15	46.405	4.0%	13.2%
C16	42.629	3.6%	16.9%
C17	52.792	4.5%	21.4%
C18	43.752	3.7%	25.1%
C19	50.254	4.3%	29.4%
C20	39.319	3.4%	32.8%
C21	41.105	3.5%	36.3%
C22	39.849	3.4%	39.7%
C23	36.042	3.1%	42.8%
C24	47.373	4.0%	46.8%
C25	109.624	9.4%	56.2%
C26	90.388	7.7%	63.9%
C27	91.284	7.8%	71.7%
C28	76.176	6.5%	78.2%
C29	69.489	5.9%	84.1%
C30	185.987	15.9%	100.0%
Totals:	1,170.92	100.0%	



APPENDIX E

CHAIN-OF-CUSTODY DOCUMENTATION

5/2203

CHAIN-OF-CUSTODY RECORD

No. 20519

INDUSTRIAL COMPLIANCE • 9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
LAM CAST-ER	OAKLAND

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
510695	JOHN CAMARATA	(510) 238-9540

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	CARL TAGUE

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) BTEX 8020 / TPH-d 8015M Partial / TPH-g/d 8015M	REMARKS
1	BH A	2-24	1110		X	WATER FROM BORING B1-A	8	X X X	
2	TRIP	2-24	1550		X	TRIP BLANK	2	X X X	
3								for	
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	Mike Endicott	JM Cangh	2-24	1550
2	1	JM Cangh			
3					
4			Michael Hoffman	2/25/94	0900

REMARKS

STANDARD T.A.T

NOTE: PLEASE CALL IF HYDROCARBON ARE NOTE TO MOTOR OIL RANGE

SAMPLER'S NAME: MIKE ENDICOTT

SAMPLER'S SIGNATURE: Mike Endicott

TRANSFER 3

CHAIN-OF-CUSTODY RECORD

SP2303

No. 20519

INDUSTRIAL COMPLIANCE • 9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
[illegible] TR	[illegible]

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
[illegible]	[illegible]	(510) [illegible]

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	[illegible] TAYLOR

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) BTEX 8020 / TPH-g/d 8015M DMEPH / TPH-g/d 8015M	REMARKS
1	BHA	2-24	1110		X	WATER FROM BORING B1-A	8	X X X	
2	TRIP	2-24	1550		X	TRIP BLANK	2	X X	
3									
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	[signature]	[signature]	2-24	1550
2	1	[signature]			
3					
4			[signature]	2/25/94	1330

REMARKS

STANDARD T.A.T

NOTE. PLEASE CALL IF HYDROCARBONS ARE NOTED IN MOTOR OIL RANGE

SAMPLER'S NAME: [illegible] ENRIGHT

SAMPLER'S SIGNATURE: [signature]

TRANSFER 2

CHAIN-OF-CUSTODY RECORD

No. 20520

INDUSTRIAL COMPLIANCE • 9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
LANCASTER	400 LANCASTER, OAKLAND

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
1-100695	JOHN CAMPANELLA	(510) 238-9540

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	CARL TAYLOR

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TPH-g/d 8015 MOD; TPH-g/d 8015M - PARAFFIN; BTEX (8020)	REMARKS
1	B-1 2½	2-23	1101		X	SOIL SAMPLE	1	X X X	
2	B-1 4	"	1106		X	"	"	X X X	
3	B-1 5½	"	1110		X	"	"	X X X	
4	B-1 7	"	1112		X	"	"	X X X	
5	B-1 10	"	1118		X	"	"	X X X	
6	B-1 11½	"	1121		X	"	"	X X X	
7	B-2 4	"	1205		X	"	"	X X	
8	B-2 5½	"	1207		X	"	"	X X	
9	B-3 4	"	1343		X	"	"	X X	
10	B-3 5½	↓	1350		X	↓	↓	X X	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1 TO 10	[signature]		2-24	
2					
3					
4			[signature]	2/25/92	0920

REMARKS

NOTE: IF HYDROCARBONS ARE NOTED IN THE MOTOR OIL RANGE, PLEASE CALL

STANDARD TAT

SAMPLER'S NAME: JOHN CAMPANELLA

SAMPLER'S SIGNATURE: [signature]

TRANSFER 3

CHAIN-OF-CUSTODY RECORD

No. 20520

INDUSTRIAL COMPLIANCE • 9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559 • Phone 916-369-8971 • FAX 916-369-8370

JECT NAME	PROJECT LOCATION
NO. / PROJECT CONTACT	PROJECT TELEPHONE NO.
NT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR

SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)	REMARKS
B-1 2½	2-23	1101		X	SOIL SAMPLE	1	TPH-g/d 8015 Mod. TPH-d/d 8015 - Partial BTEX (8020)	
B-1 4		1106		X				
B-1 5½		1116		X				
B-1 7		1112		X				
B-1 11		1118		X				
B-1 11½		1122		X				
B-2 4		1205		X				
B-2 5½		1207		X				
B-3 4		1248		X				
B-3 5½		1250		X				

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1 TO 10			2-24	
2					
3					
4				2/25/	0920

REMARKS

NOTE: IF HYDROCARBONS ARE NOTED IN THE MOTOR OIL RANGE, PLEASE CALL

STANDARD TAT

SAMPLER'S NAME

SAMPLER'S SIGNATURE

TRANSFER 2

CHAIN-OF-CUSTODY RECORD

No. 20522

TRIAL COMPLIANCE • 9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559 • Phone 916-369-8971 • FAX 916-369-8370

STER	PROJECT LOCATION: 400 LANCASTER, OAK
PROJECT CONTACT: JOHN CALLAHAN	PROJECT TELEPHONE NO.: (510) 238-9540
ENTATIVE	PROJECT MANAGER/SUPERVISOR: CARL TAYLOR

ER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TPH-g/d	TPH-g/d GC/MS	BTEX	TPH-g/d GC/MS w/ PARAFFIN	REMARKS
4'	2-23-94	14:25		X		1	X	X	X		
4½	"	14:36		X			X	X	X		
4'		15:22		X			X		X		
5½		15:24		X			X		X		
4½	2-24-94	8:30		X			X	X	X		
4		8:35		X			X	X	X		
4½		8:40		X			X	X	X		
5		8:45		X			X	X	X		

ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1 thru 8	[signature]		2-24	
		[signature]	2/25/94	0920

REMARKS

NOTE: IF HYDROCARBONS ARE NOTED IN THE MOTOR OIL RANGE PLEASE CALL

STANDARD TAT

SAMPLER'S NAME: [signature]

SAMPLER'S SIGNATURE: [signature]

TRANSFER 3

CHAIN-OF-CUSTODY RECORD

No. 20522

INDUSTRIAL COMPLIANCE • 9838 OLD PLACERVILLE ROAD, SUITE 100 • SACRAMENTO, CA 95827-3559 • Phone 916-369-8971 • FAX 916-369-8370

PROJECT NAME	PROJECT LOCATION
LANCASTER	40C LANCASTER, OAK
PROJ. NO. / PROJECT CONTACT: JOHN CALHOUN	PROJECT TELEPHONE NO.: (510) 238-9541
CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR: CARL TAYLOR

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): TPH-G/BTEX	TPH-D	BTEX	REMARKS
1	B-4 4'	2-23-94	14:25		X		1	X	X	X	
2	B-4 5½	"	14:31		X			X	X	X	
3	B-5 4'	"	15:22		X			X		X	
4	B-5 5½	"	15:24		X			X		X	
5	B-6 2½	2-24-94	8:30		X			X	X	X	
6	B-6 4	"	8:35		X			X	X	X	
7	B-6 5½	"	8:40		X			X	X	X	
8	B-6 7	"	8:45		X			X	X	X	
9											
10											

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1 to 8			2-24	
2					
3					
4				2/5/94	09:10

REMARKS

NOTE: IF HYDROCARBONS ARE NOTED IN THE MOTOR OIL RANGE, DIESEL CALL

STANDARD TAT

SAMPLER'S NAME: [illegible]

SAMPLER'S SIGNATURE: [signature]

TRANSFER 2