

File No. 7-93-556-SI

ENVIRONMENTAL  
PROTECTION

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STOCKPILE SOIL SAMPLING  
AT THE PROPERTY  
LOCATED AT 2740 98TH AVENUE  
OAKLAND, CALIFORNIA  
JUNE 5, 1995

PREPARED FOR:  
MS. KIYOUMARS GHOFrani  
FREEWAY STATION AND SERVICE  
2740 98TH AVENUE  
OAKLAND, CALIFORNIA 94605

BY:  
SOIL TECH ENGINEERING, INC.  
298 BROKAW ROAD  
SANTA CLARA, CALIFORNIA 95050

SOIL TECH ENGINEERING, INC.

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**APPENDIX "A"**

TABLE 1 - SUMMARY OF SOIL ANALYTICAL RESULTS  
FROM STOCKPILE SOIL SAMPLE

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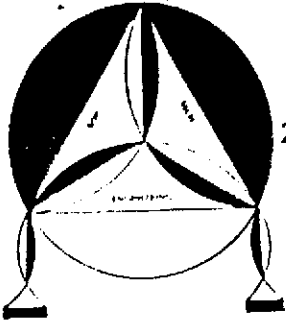
**APPENDIX "B"**

FIGURE 1 - SITE VICINITY MAP  
FIGURE 2 - SITE PLAN

M1  
M2

**APPENDIX "C"**

PRIORITY ENVIRONMENTAL LABS REPORT AND CHAIN-OF-CUSTODY



# SOIL TECH ENGINEERING

*Soil, Foundation and Geological Engineers*

298 BROOKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266

June 5, 1995

File No. 7-93-556-SI

Mr. Kiyoumars Ghofrani  
Freeway Station and Service  
2740 98th Avenue  
Oakland, California 94605

SUBJECT: STOCKPILE SOIL SAMPLING AT THE PROPERTY  
Located at 2740 98th Avenue, in  
Oakland, California

Dear Mr. Ghofrani:

Per your request and authorization, we have conducted stockpile soil sampling at the property located at 2740 98th Avenue, in Oakland, California.

The scope of work consist of sampling stockpile soil at the subject site and analyze for presence of dissolved petroleum hydrocarbons.

On February 10, 1995, Soil Tech Engineering, Inc. (STE) staff engineer collected four grab samples from the stockpiled soil. The sampling locations are shown on Figure 2. Soil samples were collected with an aid of hand auger by driving a two-inch diameter by six-inch long brass liners into the stockpiled soil (at least one foot depth) for each location.

Immediately upon extraction, the liner ends were covered with aluminum foil and plastic caps, and sealed with tape. The liners were labeled and stored in a cool iced chest from the time of collection to the time of testing.

All sampling equipments were cleaned prior its use to avoid any introduction of cross-contamination. Chain-of-custody records were prepared to document sample collection, handling and analysis.

The four grab soil samples were composited into one sample at the state-certified laboratory. The composite soil sample was analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX).

**ANALYTICAL RESULTS:**

The analytical results are summarized in Table 1. The composite soil sample detected TPHg and BTEX below laboratory detection limit. A copy of laboratory analyses report and chain-of-custody are included with this report (Appendix "C").

If you have any questions or require additional information, please feel free to contact office at your convenience.

Sincerely,

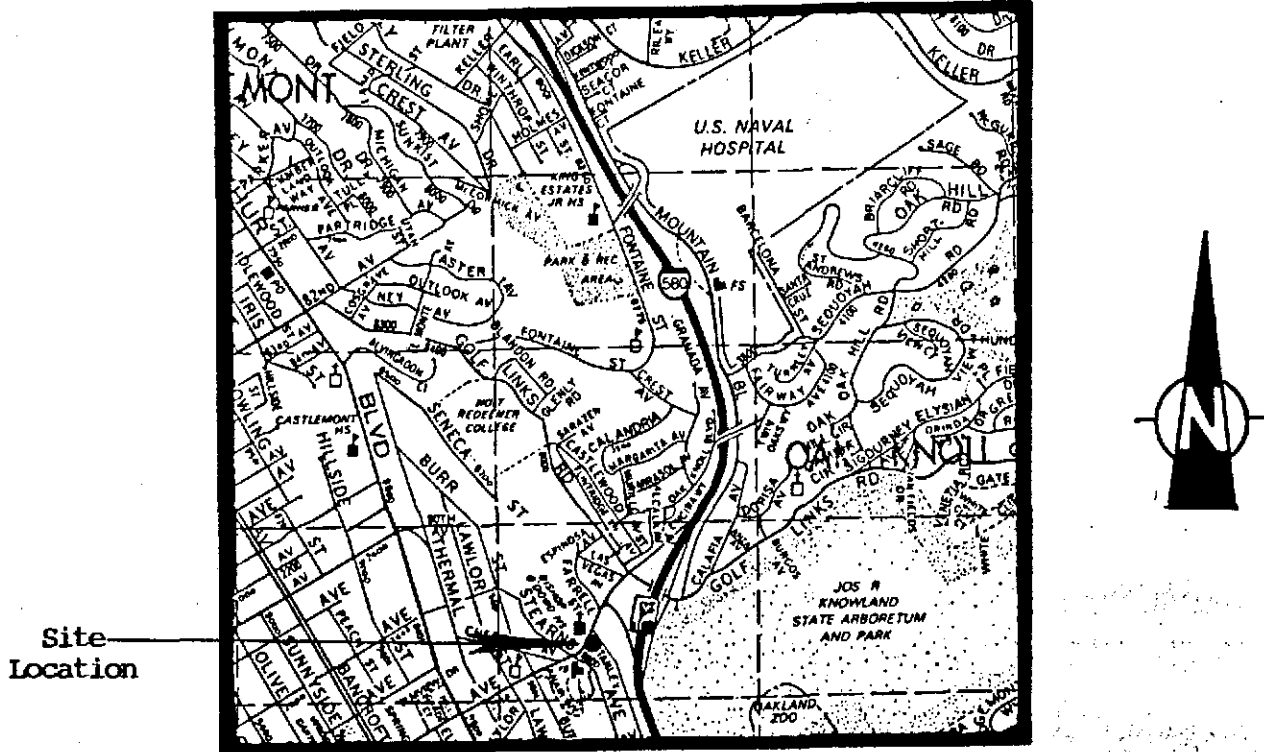
SOIL TECH ENGINEERING, INC.

  
FRANK HAMEDI-FARD  
GENERAL MANAGER

TABLE 1  
SUMMARY OF SOIL ANALYTICAL RESULTS  
FROM STOCKPILE SOIL SAMPLE  
IN  
MILLIGRAMS PER KILOGRAM (mg/Kg)

Date	Sample No.	TPHg	B	T	E	X
2/10/95	ST-1,2,3,4	ND	ND	ND	ND	ND

TPHg - Total Petroleum Hydrocarbons as gasoline  
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes  
ND - Not Detected (Below Laboratory Detection Limit)



Thomas Brothers Map 1993 Edition  
San Francisco, Alameda  
and Contra Costa Counties

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Figure 1

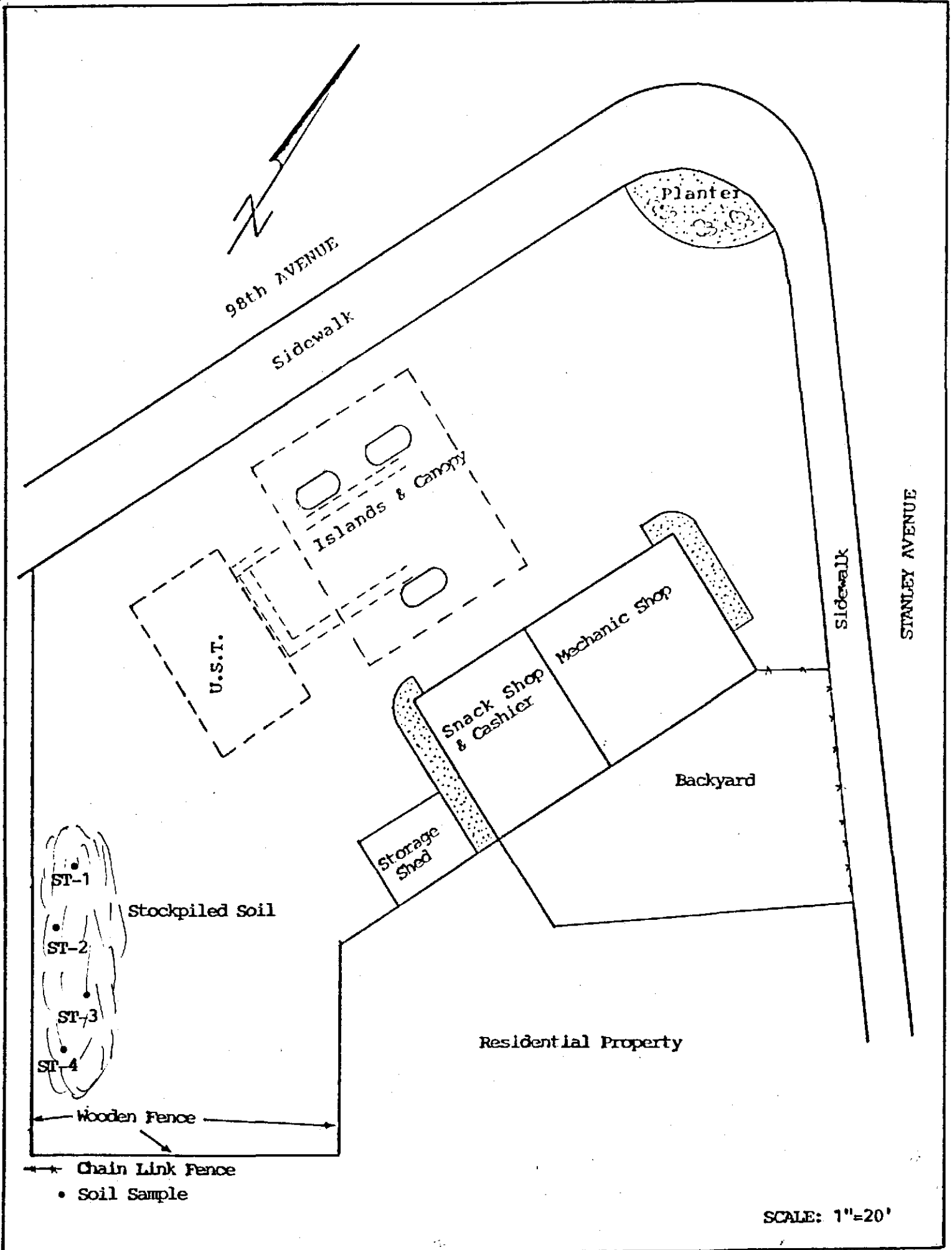


Figure 2



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 17, 1995

PEL # 9502048

SOIL TECH ENGINEERING

Attn: Noori Ameli

Re: One composited soil sample for Gasoline/BTEX analysis.

Project name: 2740 98th Ave., - Oakland

Project number: 7-93-556-SI

Date sampled: Feb 10, 1995

Date submitted: Feb 15, 1995

Date extracted: Feb 15-16, 1995

Date analyzed: Feb 15-16, 1995

## RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)
SP-1,2,3,4	N.D.	N.D.	N.D.	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	106.2%	82.0%	103.2%	92.3%	103.1%
Detection limit	1.0	5.0	5.0	5.0	5.0
Method of Analysis	5030 / 8015	8020	8020	8020	8020

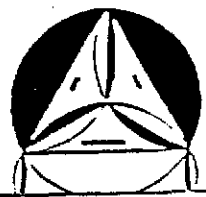
David Duong  
Laboratory Director



CHAIN OF CUSTODY RECORD

PEL

PROJ. NO. 7-93-556-51		NAME 2740 98th. AV. OAKLAND			CON-TAINER	ANALYSES REQUESTED TPHG/BTE&X	REMARKS				
SAMPLERS: (Signature) N.A.											
NO.	DATE	TIME	SOIL	WATER							
1	2/14/95	16 <sup>15</sup>	✓		SP-1	✓					
2	2/14/95	16 <sup>15</sup>	✓		SP-2	✓				} COMP.	
3	2/10/95	16 <sup>20</sup>	✓		SP-3	✓					
4	2/10/95	16 <sup>23</sup>	✓		SP-4	✓					
Relinquished by: (Signature) N.A.		Date / Time 2/15/95 9:40		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Receive by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature) [Signature]		Date / Time 02/15/95 9:40 AM		Remarks			



**SOIL TECH ENGINEERING**

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