



# Inchcape Testing Services

## Anametrix Laboratories

1961 Concourse Drive  
Suite E  
San Jose, CA 95131  
Tel: 408-432-8192  
Fax: 408-432-8198

MR. WALTER HOWARD  
RUST ENVIRONMENT AND INFRASTRUCTURE  
12 METRO PARK ROAD  
ALBANY, NY 12205

Workorder # : 9501243  
Date Received : 01/27/95  
Project ID : 35195.108  
Purchase Order: N/A

The following samples were received at Anametrix for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9501243- 1	DSA HS1a
9501243- 2	DSA HS1b
9501243- 3	DSA HS2a
9501243- 4	DSA HS2b
9501243- 5	DSA HS3a
9501243- 6	DSA HS3b
9501243- 7	DSA HS4a
9501243- 8	DSA HS4b
9501243- 9	DSA HS5a
9501243-10	DSA HS5b
9501243-11	DSA HS6a
9501243-12	DSA HS6b
9501243-13	DSA HS7a
9501243-14	DSA HS7b
9501243-15	DSA HS8a
9501243-16	DSA HS8b

95 FEB 15 AM 9:19  
 HAZMAT

This report is organized in sections according to the specific Anametrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anametrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Corinne Pham for  
Susan Kraska Yeager  
Laboratory Director

Cristina V Rayburn  
Project Manager

02/08/95  
Date

This report consists of 27 pages.

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. WALTER HOWARD  
RUST ENVIRONMENT AND INFRASTRUCTURE  
12 METRO PARK ROAD  
ALBANY, NY 12205

Workorder # : 9501243  
Date Received : 01/27/95  
Project ID : 35195.108  
Purchase Order: N/A  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9501243- 1	DSA HS1a	SOIL	01/16/95	TPHd
9501243- 2	DSA HS1b	SOIL	01/16/95	TPHd
9501243- 3	DSA HS2a	SOIL	01/16/95	TPHd
9501243- 4	DSA HS2b	SOIL	01/16/95	TPHd
9501243- 5	DSA HS3a	SOIL	01/16/95	TPHd
9501243- 6	DSA HS3b	SOIL	01/16/95	TPHd
9501243- 7	DSA HS4a	SOIL	01/16/95	TPHd
9501243- 8	DSA HS4b	SOIL	01/16/95	TPHd
9501243- 9	DSA HS5a	SOIL	01/16/95	TPHd
9501243-10	DSA HS5b	SOIL	01/16/95	TPHd
9501243-11	DSA HS6a	SOIL	01/16/95	TPHd
9501243-12	DSA HS6b	SOIL	01/16/95	TPHd
9501243-13	DSA HS7a	SOIL	01/16/95	TPHd
9501243-14	DSA HS7b	SOIL	01/16/95	TPHd
9501243-15	DSA HS8a	SOIL	01/16/95	TPHd
9501243-16	DSA HS8b	SOIL	01/16/95	TPHd
9501243- 1	DSA HS1a	SOIL	01/16/95	TPHg
9501243- 2	DSA HS1b	SOIL	01/16/95	TPHg
9501243- 3	DSA HS2a	SOIL	01/16/95	TPHg
9501243- 4	DSA HS2b	SOIL	01/16/95	TPHg
9501243- 5	DSA HS3a	SOIL	01/16/95	TPHg
9501243- 6	DSA HS3b	SOIL	01/16/95	TPHg
9501243- 7	DSA HS4a	SOIL	01/16/95	TPHg
9501243- 8	DSA HS4b	SOIL	01/16/95	TPHg

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. WALTER HOWARD  
RUST ENVIRONMENT AND INFRASTRUCTURE  
12 METRO PARK ROAD  
ALBANY, NY 12205

Workorder # : 9501243  
Date Received : 01/27/95  
Project ID : 35195.108  
Purchase Order: N/A  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9501243- 9	DSA HS5a	SOIL	01/16/95	TPHg
9501243-10	DSA HS5b	SOIL	01/16/95	TPHg
9501243-11	DSA HS6a	SOIL	01/16/95	TPHg
9501243-12	DSA HS6b	SOIL	01/16/95	TPHg
9501243-13	DSA HS7a	SOIL	01/16/95	TPHg
9501243-14	DSA HS7b	SOIL	01/16/95	TPHg
9501243-15	DSA HS8a	SOIL	01/16/95	TPHg
9501243-16	DSA HS8b	SOIL	01/16/95	TPHg

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. WALTER HOWARD  
RUST ENVIRONMENT AND INFRASTRUCTURE  
12 METRO PARK ROAD  
ALBANY, NY 12205

Workorder # : 9501243  
Date Received : 01/27/95  
Project ID : 35195.108  
Purchase Order: N/A  
Department : GC  
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples DSA HS6a, DSA HS7a, and DSA HS8a are primarily due to the presence of a heavier petroleum product of hydrocarbon range C18-C36, possibly motor oil.
- The mineral spirits analyses of samples DSA HS4b, DSA HS5a, DSA HS5b, DSA HS7b, DSA HS8a, and DSA HS8b were completed outside of the established fourteen-day holding time for the method.
- The mineral spirits recoveries for the matrix spike and spike duplicate on sample DSA HS8b are outside of quality control limits due to a soil matrix effect.

Cheryl Balme 2/6/95  
Department Supervisor Date

Laura Sher 2/6/95  
Chemist Date

**TOTAL PETROLEUM HYDROCARBONS AS MINERAL SPIRITS**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder	9501243	Client Project ID:	35195.108
Matrix:	SOIL	Date Released:	2/2/95
Instrument ID:	HP12	Concentration Units:	mg/Kg

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9501243-01	DSA HS1a	1/16/95	1/30/95	2	0.5	ND	88%
9501243-02	DSA HS1b	1/16/95	1/30/95	2	0.5	ND	74%
9501243-03	DSA HS2a	1/16/95	1/30/95	2	0.5	ND	72%
9501243-04	DSA HS2b	1/16/95	1/30/95	2	0.5	ND	68%
9501243-05	DSA HS3a	1/16/95	1/30/95	2	0.5	ND	87%
9501243-06	DSA HS3b	1/16/95	1/30/95	2	0.5	ND	67%
9501243-07	DSA HS4a	1/16/95	1/30/95	2	0.5	ND	70%
9501243-08	DSA HS4b	1/16/95	1/31/95	2	0.5	ND	90%
9501243-09	DSA HS5a	1/16/95	1/31/95	2	0.5	ND	89%
9501243-10	DSA HS5b	1/16/95	1/31/95	2	0.5	ND	73%

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as mineral spirits is determined by GC/FID (modified EPA Method 8015) following sample purge and trap by EPA Method 5030. Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Reggie Dawson 2/2/95  
Analyst Date

Cheryl Belner 2/2/95  
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS MINERAL SPIRITS**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder	9501243	Client Project ID:	35195.108
Matrix:	SOIL	Date Released:	2/2/95
Instrument ID:	HP12	Concentration Units:	mg/Kg

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9501243-11	DSA HS6a	1/16/95	1/30/95	2	0.5	ND	78%
9501243-12	DSA HS6b	1/16/95	1/30/95	2	0.5	ND	76%
9501243-13	DSA HS7a	1/16/95	1/30/95	2	0.5	ND	70%
9501243-14	DSA HS7b	1/16/95	1/31/95	2	0.5	ND	73%
9501243-15	DSA HS8a	1/16/95	1/31/95	2	0.5	ND	77%
9501243-16	DSA HS8b	1/16/95	1/31/95	2	0.5	ND	62%
BJ3001E1	Method Blank	----	1/30/95	1	0.5	ND	92%
BJ3002E1	Method Blank	----	1/30/95	1	0.5	ND	89%
BJ3101E1	Method Blank	----	1/31/95	1	0.5	ND	86%

ND: Not detected at or above the reporting limit for the method.

TPHg: Total Petroleum Hydrocarbons as mineral spirits is determined by GC/FID

(modified EPA Method 8015) following sample purge and trap by EPA Method 5030

Surrogate recovery quality control limits for p-Bromofluorobenzene are 53-147%.

All testing procedures follow California Department of Health Services approved methods.

Reggie Dawson 2/2/95  
Analyst Date

Cheryl Balmer 2/2/95  
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS MINERAL SPIRITS**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

**MATRIX SPIKE RECOVERY REPORT**

Client Project ID: 35195.108	Anamatrix ID: 9501243-01
Client Sample ID: DSA HS1a	Date Released: 2/2/95
Date Sampled: 1/16/95	Instrument ID: HP12
Date Analyzed: 1/30/95	Matrix: SOIL
	Concentration Units: mg/Kg

<u>COMPOUND</u> <u>NAME</u>	<u>SPIKE</u> <u>AMT</u>	<u>SAMPLE</u> <u>CONC</u>	<u>MS</u> <u>CONC</u>	<u>% REC</u> <u>MS</u>	<u>MSD</u> <u>CONC</u>	<u>%REC</u> <u>MSD</u>	<u>RPD</u>
Mineral Spirits	1.0	0	0.70	70%	0.59	59%	-17%
p-Bromofluorobenzene				111%		94%	

Quality control limits for MS/MSD recovery are 48-149%

Quality control limits for RPD(relative percent difference) are +/- 30%.

Quality control limits for p-Bromofluorobenzene recovery are 53-147%.

**TOTAL PETROLEUM HYDROCARBONS AS MINERAL SPIRITS**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

**MATRIX SPIKE RECOVERY REPORT**

Client Project ID: 35195.108	Anametrix ID: 9501243-16
Client Sample ID: DSA HS8b	Date Released: 2/2/95
Date Sampled: 1/16/95	Instrument ID: HP12
Date Analyzed: 1/31/95	Matrix: SOIL
	Concentration Units: mg/Kg

<u>COMPOUND</u> <u>NAME</u>	<u>SPIKE</u> <u>AMT</u>	<u>SAMPLE</u> <u>CONC</u>	<u>MS</u> <u>CONC</u>	<u>% REC</u> <u>MS</u>	<u>MSD</u> <u>CONC</u>	<u>%REC</u> <u>MSD</u>	<u>RPD</u>
Mineral Spirits	1.0	0	0.39	39%	0.37	37%	-5%
p-Bromofluorobenzene				100%		99%	

Quality control limits for MS/MSD recovery are 48-149%

Quality control limits for RPD(relative percent difference) are +/- 30%.

Quality control limits for p-Bromofluorobenzene recovery are 53-147%.



**TOTAL PETROLEUM HYDROCARBONS AS MINERAL SPIRITS**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

**LABORATORY CONTROL SAMPLE REPORT**

Client Project ID:	35195.108	Anamatrix ID:	MJ3001E1
Matrix:	SOIL	Date Released:	2/2/95
Date Analyzed:	1/30/95	Instrument ID:	HP12
		Concentration Units:	mg/Kg

<u>COMPOUND</u> <u>NAME</u>	<u>SPIKE</u> <u>AMT</u>	<u>LCS</u> <u>CONC</u>	<u>%REC</u> <u>LCS</u>
Mineral Spirits	0.50	0.45	90%
p-Bromofluorobenzene			118%

Quality control limits for LCS recovery are 58-130%.

Quality control limits for p-Bromofluorobenzene recovery are 53-147%.

**TOTAL PETROLEUM HYDROCARBONS AS MINERAL SPIRITS  
INCHCAPE TESTING SERVICES - ANAMETRIX**

(408) 432-8192

**LABORATORY CONTROL SAMPLE REPORT**

Client Project ID:	35195.108	Anamatrix ID:	MJ3101E1
Matrix:	SOIL	Date Released:	2/2/95
Date Analyzed:	1/31/95	Instrument ID:	HP12
		Concentration Units:	mg/Kg

<u>COMPOUND NAME</u>	<u>SPIKE AMT</u>	<u>LCS CONC</u>	<u>%REC LCS</u>
Mineral Spirits	0.50	0.47	94%
p-Bromofluorobenzene			112%

Quality control limits for LCS recovery are 58-130%.

Quality control limits for p-Bromofluorobenzene recovery are 53-147%.

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

DATA SUMMARY FORM

Anamatrix Workorder	9501243	Client Project ID:	35195.108
Matrix:	SOIL	Date Released:	1/30/95
Date Extracted:	1/27/95	Concentration Units:	mg/Kg
Instrument ID:	HP19		

<u>Anamatrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9501243-01	HS1a	1/16/95	1/27/95	1	10	ND	95%
9501243-02	HS1b	1/16/95	1/27/95	1	10	ND	95%
9501243-03	HS2a	1/16/95	1/27/95	1	10	ND	92%
9501243-04	HS2b	1/16/95	1/27/95	1	10	ND	93%
9501243-05	HS3a	1/16/95	1/28/95	1	10	ND	96%
9501243-06	HS3b	1/16/95	1/28/95	1	10	ND	91%
9501243-07	HS4a	1/16/95	1/27/95	1	10	ND	91%
9501243-08	HS4b	1/16/95	1/27/95	1	10	ND	90%
9501243-09	HS5a	1/16/95	1/27/95	1	10	ND	94%
9501243-10	HS5b	1/16/95	1/27/95	1	10	ND	95%

ND: Not detected at or above the reporting limit for the method.  
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%.  
All testing procedures follow California Department of Health Services approved methods.

Reggie Dawson 2/2/95  
Analyst Date

Cheryl Palmer 2/1/95  
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

DATA SUMMARY FORM

Anametrix Workorder	9501243	Client Project ID:	35195.108
Matrix:	SOIL	Date Released:	1/30/95
Date Extracted:	1/27/95	Concentration Units:	mg/Kg
Instrument ID:	HP19		

<u>Anametrix ID</u>	<u>Client ID</u>	<u>Date Sampled</u>	<u>Date Analyzed</u>	<u>Dilution Factor</u>	<u>Reporting Limit</u>	<u>Amount Found</u>	<u>Surrogate Recovery</u>
9501243-11	HS6a	1/16/95	1/28/95	1	10	56	97%
9501243-12	HS6b	1/16/95	1/28/95	1	10	ND	94%
9501243-13	HS7a	1/16/95	1/28/95	1	10	11	99%
9501243-14	HS7b	1/16/95	1/28/95	1	10	ND	95%
9501243-15	HS8a	1/16/95	1/28/95	1	50	280	98%
9501243-16	HS8b	1/16/95	1/28/95	1	10	ND	99%
BJ27H1F1	Method Blank	0/0/0	1/27/95	1	10	ND	101%

ND: Not detected at or above the reporting limit for the method.  
TPHd: Total Petroleum Hydrocarbons as C10-C28 is determined by GC/FID (modified EPA Method 8015) following sample extraction by EPA Method 3550. Surrogate recovery quality control limits for o-terphenyl are 64-109%.  
All testing procedures follow California Department of Health Services approved methods.

Reggie Dawson 2/2/95  
Analyst Date

Cheryl Balmer 2/1/95  
Supervisor Date

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

**MATRIX SPIKE RECOVERY REPORT**

Client Project ID:	35195.108	Anametrix ID:	9501243-05
Client Sample ID:	HS3a	Date Released:	2/1/95
Date Sampled:	1/16/95	Instrument ID:	HP19
Date Extracted:	1/27/95	Matrix:	SOIL
Date Analyzed:	1/28/95	Concentration Units:	mg/Kg

<u>COMPOUND</u> <u>NAME</u>	<u>SPIKE</u> <u>AMT</u>	<u>SAMPLE</u> <u>CONC</u>	<u>MS</u> <u>CONC</u>	<u>% REC</u> <u>MS</u>	<u>MSD</u> <u>CONC</u>	<u>%REC</u> <u>MSD</u>	<u>RPD</u>
Diesel	62.5	0	59.5	95%	58.5	94%	-2%
o-Terphenyl				102%		98%	

Quality control limits for MS/MSD recovery are 32-143%

Quality control limits for RPD(relative percent difference) are +/- 30%.

Quality control limits for o-terphenyl recovery are 55-129%

**TOTAL PETROLEUM HYDROCARBONS AS DIESEL**  
**INCHCAPE TESTING SERVICES - ANAMETRIX**  
(408) 432-8192

**LABORATORY CONTROL SAMPLE REPORT**

Client Project ID:	35195.11	Anamatrix ID:	MJ27H1F1
Matrix:	SOIL	Date Released:	1/30/95
Date Extracted:	1/27/95	Instrument ID:	HP19
Date Analyzed:	1/27/95	Concentration Units:	mg/Kg

<u>COMPOUND</u> <u>NAME</u>	<u>SPIKE</u> <u>AMT</u>	<u>LCS</u> <u>CONC</u>	<u>%REC</u> <u>LCS</u>
Diesel	62.5	62.8	100%
o-Terphenyl			101%

Quality control limits for LCS recovery are 48-113%.

Quality control limits for o-terphenyl recovery are 64-109%.

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. WALTER HOWARD  
RUST ENVIRONMENT AND INFRASTRUCTURE  
12 METRO PARK ROAD  
ALBANY, NY 12205

Workorder # : 9501243  
Date Received : 01/27/95  
Project ID : 35195.108  
Purchase Order: N/A  
Department : METALS  
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9501243- 1	DSA HS1a	SOIL	01/16/95	6010
9501243- 2	DSA HS1b	SOIL	01/16/95	6010
9501243- 3	DSA HS2a	SOIL	01/16/95	6010
9501243- 4	DSA HS2b	SOIL	01/16/95	6010
9501243- 5	DSA HS3a	SOIL	01/16/95	6010
9501243- 6	DSA HS3b	SOIL	01/16/95	6010
9501243- 7	DSA HS4a	SOIL	01/16/95	6010
9501243- 8	DSA HS4b	SOIL	01/16/95	6010
9501243- 9	DSA HS5a	SOIL	01/16/95	6010
9501243-10	DSA HS5b	SOIL	01/16/95	6010
9501243-11	DSA HS6a	SOIL	01/16/95	6010
9501243-12	DSA HS6b	SOIL	01/16/95	6010
9501243-13	DSA HS7a	SOIL	01/16/95	6010
9501243-14	DSA HS7b	SOIL	01/16/95	6010
9501243-15	DSA HS8a	SOIL	01/16/95	6010
9501243-16	DSA HS8b	SOIL	01/16/95	6010

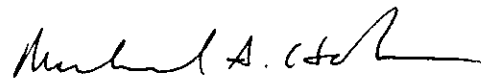
REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192


MR. WALTER HOWARD  
RUST ENVIRONMENT AND INFRASTRUCTURE  
12 METRO PARK ROAD  
ALBANY, NY 12205

Workorder # : 9501243  
Date Received : 01/27/95  
Project ID : 35195.108  
Purchase Order: N/A  
Department : METALS  
Sub-Department: METALS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

 1/31/95  
\_\_\_\_\_  
Department Supervisor Date

 1/31/95  
\_\_\_\_\_  
Chemist Date



**INCHCAPE TESTING SERVICES  
ANAMETRIX LABORATORIES  
(408) 432-8192  
DATA REPORT**

Analyte-Method: **Zinc-6010A**  
Client Project Number: **35195.108**  
Matrix - Units: **SOIL - mg/Kg**

Analyst: *SC*  
Supervisor: *WOK*

Anamatrix Sample ID	Client Sample ID	Prep. Method	Instr. ID	Date Sampled	Date Prepared	Date Analyzed	D.F.	Reporting Limit	Results	Q
9501243-01	DSA HS1a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	44.1	
9501243-02	DSA HS1b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	36.5	
9501243-03	DSA HS2a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	35.6	
9501243-04	DSA HS2b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	38.5	
9501243-05	DSA HS3a	3050A	ICP1	01/16/95	01/28/95	01/30/95	2	8.0	1170	
9501243-06	DSA HS3b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	39.2	
9501243-07	DSA HS4a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	40.1	
9501243-08	DSA HS4b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	50.4	
9501243-09	DSA HS5a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	55.4	
9501243-10	DSA HS5b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	41.7	
9501243-11	DSA HS6a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	61.6	
9501243-12	DSA HS6b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	157	
9501243-13	DSA HS7a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	198	
9501243-14	DSA HS7b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	166	
9501243-15	DSA HS8a	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	620	
9501243-16	DSA HS8b	3050A	ICP1	01/16/95	01/28/95	01/30/95	1	4.0	260	
BJ285SB	METHOD BLANK	3050A	ICP1	N/A	01/28/95	01/30/95	1	4.0	ND	

COMMENTS:

**INCHCAPE TESTING SERVICES  
ANAMETRIX LABORATORIES  
(408) 432-8192  
SAMPLE DUPLICATE REPORT**

Anamatrix Sample ID: **9501243-07D**  
Client Sample ID: **DSA HS4a**  
Client Project Number: **35195.108**  
Matrix: **SOIL**

Analyst: *NP*  
Supervisor: *PLA*

Analyte	Prep. Method	Analyt. Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Sample Conc.	Sample Duplicate Conc.	RPD	Q
Zinc	3050A	6010A	ICP1	01/28/95	01/30/95	1	mg/Kg	40.1	40.5	0.99	

COMMENTS:

**INCHCAPE TESTING SERVICES  
ANAMETRIX LABORATORIES  
(408) 432-8192  
MATRIX SPIKE REPORT**

Anamatrix. Sample ID: **9501243-07MS,MD**  
 Client Sample ID: **DSA HS4a**  
 Client Proj. Number: **35195.108**  
 Matrix: **SOIL**

Analyst: *SL*  
 Supervisor: *MD*

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.	Matrix Sp. Dup. Conc.	% Rec.	RPD	Q
Zinc	6010A	ICP1	01/28/95	01/30/95	mg/Kg	50.0	40.1	90.3	100	82.6	85.0	8.9	

COMMENTS:

**INCHCAPE TESTING SERVICES  
ANAMETRIX LABORATORIES  
(408) 432-8192  
LABORATORY CONTROL SAMPLE REPORT**

Lab. Control Sample ID: **LJ285SB**  
Anamatrix WO #: **9501243**  
Client Project Number: **35195.108**  
Matrix: **SOIL**

Analyst: *sc*  
Supervisor: *net*

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Zinc	3050A	6010A	ICP1	01/28/95	01/30/95	1	mg/Kg	50.0	43.2	86.4	

COMMENTS:



**SAMPLE RECEIVING CHECKLIST**

WORKORDER NUMBER: 9501243

CLIENT PROJECT ID: 35195.108

**COOLER**

Shipping slip (airbill, etc.) present?	YES	NO	<u>N/A</u>
If YES, enter carrier name and airbill # : _____			
Custody Seal on the outside of cooler?	YES	NO	<u>N/A</u>
Condition: INTACT _____ BROKEN _____			
Temperature of sample (s) within range?	<u>YES</u>	NO	N/A
List temperature of cooler (s): <u>40C</u>			

**SAMPLES**

Chain of custody seal present for each container?	YES	NO	<u>N/A</u>
Condition: INTACT _____ BROKEN _____			
Samples arrived within holding time?	<u>YES</u>	NO	N/A
Samples in proper containers for methods requested?	<u>YES</u>	NO	
Condition of containers: INTACT <u>✓</u> BROKEN _____			
If NO, were samples transferred to proper container? _____			
Were VOA containers received with zero headspace?	YES	NO	<u>N/A</u>
If NO, was it noted on the chain of custody? _____			
Were container labels complete? (ID, date, time preservative, etc.)	<u>YES</u>	NO	
Were samples preserved with the proper preservative?	YES	NO	<u>N/A</u>
If NO, was the proper preservative added at time of receipt? _____			
pH check of samples required at time of receipt?	YES	<u>NO</u>	
If YES, pH checked and recorded by: _____			
Sufficient amount of sample received for methods requested?	<u>YES</u>	NO	
If NO, has the client or lab project manager been notified? _____			
Field blanks received with sample batch? # of Sets: _____	YES	NO	<u>N/A</u>
Trip blanks received with sample batch? # of Sets: _____	YES	NO	<u>N/A</u>

**CHAIN OF CUSTODY**

Chain of custody received with samples?	<u>YES</u>	NO
Has it been filled out completely and in ink?	<u>YES</u>	NO
Sample ID's on chain of custody agree with container labels?	<u>YES</u>	NO
Number of containers indicated on chain of custody agree with number received?	<u>YES</u>	NO
Analysis methods clearly specified?	<u>YES</u>	NO
Sampling date and time indicated?	<u>YES</u>	NO
Proper signatures of sampler, courier, sample custodian in appropriate place? with time and date?	<u>YES</u>	NO
Turnaround time? REGULAR _____ RUSH <u>✓</u>		

Any NO response and/or any "BROKEN" that was checked must be detailed in the Corrective Action Form.

Sample Custodian: J.D. Date: 1/27/95

Project Manager: CWA Date: 1/27/95

9501243 10/24

~~24 Hour Rush per~~ ~~Customs~~ ~~10/10~~ ~~1/30/95~~

Chain of Custody Record

24 Hour Rush: Results faxed by Monday 1/30/95

Project Number 35195.108		Project Name/Client ANC		Custody Seal #		RUST Ed: Cooler #		Analysis Required										Matrix				
Samplers: (Signature) <i>Rust and Buzinski</i>								Lab Sample Number		Containers Number		Total Lead	Dry- Lead	Total Chloride	Humidity- Chloride	Total Sulfate	TPH-D	TPH-Miscellaneous	Gr. Cont.	Moisture	Sample Type	Sample Container
Item No.	Sample Description (Field ID Number)	Date	Time	Grid	Comp.	Lab Sample Number	Containers Number	Total Lead	Dry- Lead	Total Chloride	Humidity- Chloride	Total Sulfate	TPH-D	TPH-Miscellaneous	Gr. Cont.	Moisture	Sample Type	Sample Container				
1	DSA H51a	1/16/95	2:30					X	X	X	X	X	X	X	X	X	Soil	1				
2	DSA H51b		2:41					X	X	X	X	X	X	X	X	X	Soil	1				
3	DSA H52a		2:42					X	X	X	X	X	X	X	X	X	Soil	1				
4	DSA H52b		2:44					X	X	X	X	X	X	X	X	X	Soil	1				
5	DSA H53a		2:47					X	X	X	X	X	X	X	X	X	Soil	1				
6	DSA H53b		2:48					X	X	X	X	X	X	X	X	X	Soil	1				
7	DSA H54a		2:49					X	X	X	X	X	X	X	X	X	Soil	1				
8	DSA H54b		2:46					X	X	X	X	X	X	X	X	X	Soil	1				
9	DSA H55a		2:48					X	X	X	X	X	X	X	X	X	Soil	1				
10	DSA H55b		2:48					X	X	X	X	X	X	X	X	X	Soil	1				
11	DSA H56a		2:30					X	X	X	X	X	X	X	X	X	Soil	1				
12	DSA H56b		2:21					X	X	X	X	X	X	X	X	X	Soil	1				
13	DSA H57a		2:32					X	X	X	X	X	X	X	X	X	Soil	1				
14	DSA H57b		2:32					X	X	X	X	X	X	X	X	X	Soil	1				
15	DSA H58a		2:42					X	X	X	X	X	X	X	X	X	Soil	1				
16	DSA H58b		2:40					X	X	X	X	X	X	X	X	X	Soil	1				
17	SDSA-SH3		1/20/95					X	X	X	X	X	X	X	X	X	Soil	1				
18	SDSA-SH7		1/20/95					X	X	X	X	X	X	X	X	X	Soil	1				
19																						
20																						

Relinquished by: (Signature) <i>Walt Howard</i>	Date/Time 1/27/95 9:10	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
Relinquished by: (Signature)	Date/Time 1/27/95 9:10	Received by: (Signature) [Laboratory] <i>Calvin Adams</i>	Disposed of by: (Signature)	Items:	Date/Time
Send Lab Results To: <i>Walt Howard</i>  <i>RUST, Albany N.Y.</i>		Remarks: <i>send copy to Richard Buzinski - RUST, San Fran</i>		Check Delivery Method: <input type="checkbox"/> Samples delivered in person <input type="checkbox"/> Common carrier <input type="checkbox"/> Mail	
		Federal Express Airbill No.:		Laboratory Receiving Notes: Custody Seal Intact? <i>Y</i> Temp. of Shipping Container: <i>5°C</i> Sample Condition: <i>OK</i>	

MAR. 3 '94 2:01PM

P.2

TABLE 2

**American National Can Company**

**Former Oakland, California Facility  
Closure of RCRA Storage Units**

**Summary of Laboratory Analytical Data  
Drum Storage Area**

Sample ID	Total Lead	Organic Lead	Hexavalent Chromium	Total Zinc	TPH - Diesel	TPH - Mineral Spirits
DSA HS1a	28.7	<0.75	--	44.1	<10	<0.5
DSA HS1b	5.1	<0.75	--	36.5	<10	<0.5
DSA HS2a	7.9	<0.75	--	35.6	<10	<0.5
DSA HS2b	7.5	<0.75	--	38.5	<10	<0.5
DSA HS3a	7.0	<0.75	--	1170	<10	<0.5
DSA HS3b	111	<0.75	--	39.2	<10	<0.5
DSA SH3c	9.6	<0.75	<0.10	38.1	<10	<0.5
DSA SH3d	11.9	<0.75	<0.10	39.6	<10	<0.5
DSA HS4a	9.5	<0.75	--	40.1	<10	<0.5
DSA HS4b	20.1	<0.75	--	50.4	<10	<0.5
DSA HS5a	9.0	<0.75	--	55.4	<10	<0.5
DSA HS5b	5.5	<0.75	--	41.7	<10	<0.5
DSA HS6a	152	<0.75	--	61.6	56	<0.5
DSA HS6b	565	<0.75	--	157	<10	<0.5
DSA SH6c	441	<0.75	<0.10	169	<10	<0.5
DSA SH6d	78.4	<0.75	<0.10	127	<10	<0.5

NOTES: All results expressed in mg/kg (ppm).  
--: The analysis was not performed.

TABLE 2 Continued

**American National Can Company**

**Former Oakland, California Facility  
Closure of RCRA Storage Units**

**Summary of Laboratory Analytical Data  
Drum Storage Area**

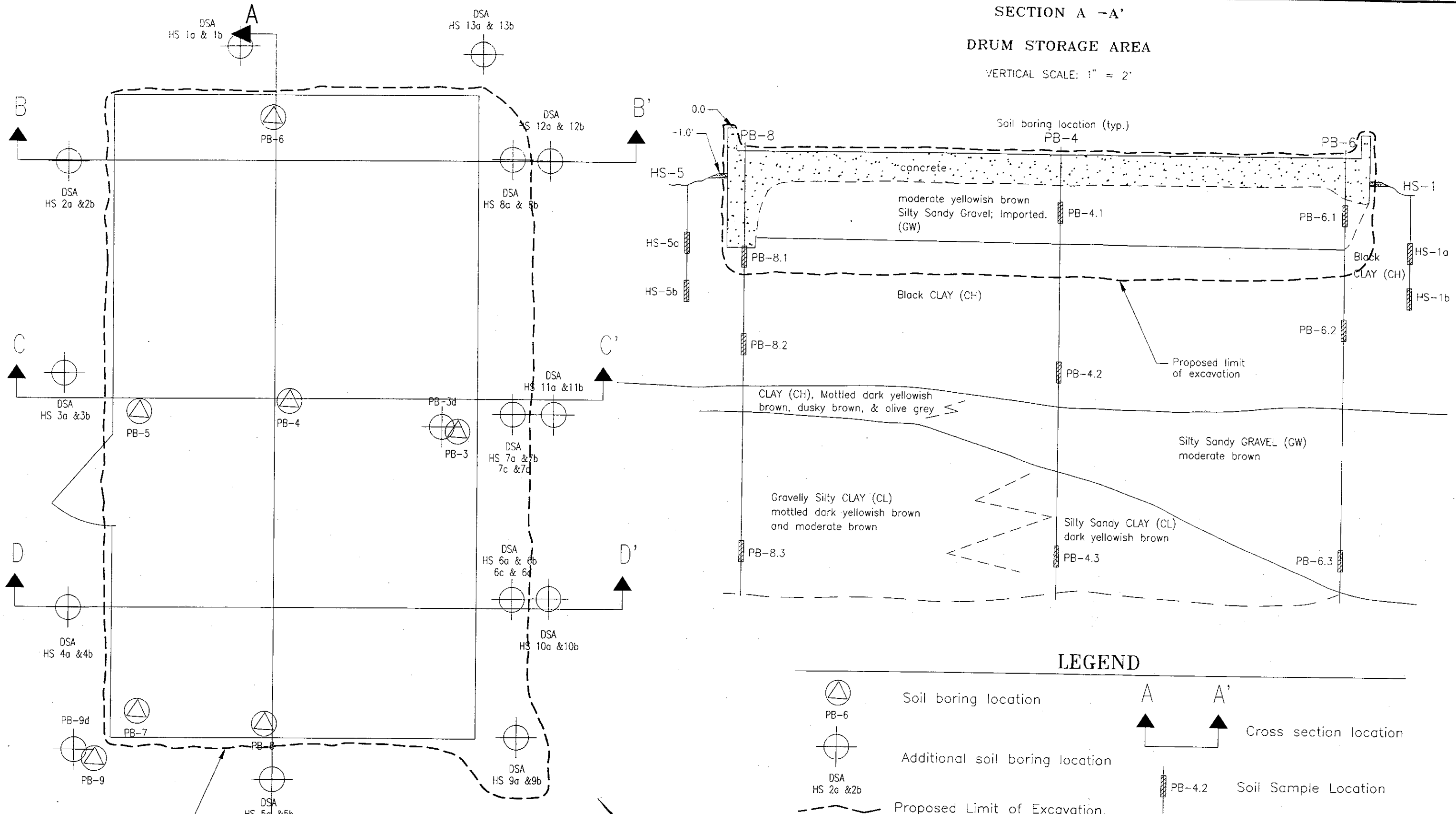
Sample ID	Total Lead	Organic Lead	Hexavalent Chromium	Total Zinc	TPH - Diesel	TPH - Mineral Spirits
DSA HS7a	643	<0.75	--	198	11	<0.5
DSA HS7b	475	<0.75	--	166	<10	<0.5
DSA SH7c	9.2	<0.75	<0.10	35.0	<10	<0.5
DSA SH7d	63.4	1.1	<0.10	63.8	12	<0.5
DSA HS8a	1700	<0.75	--	620	280	<0.5
DSA HS8b	39.9	<0.75	--	260	<10	<0.5
DSA HS9a	887	<0.75	<1.0	103	<10	<0.5
DSA HS9b	15.7	<0.75	<0.10	69.3	<10	<0.5
DSA HS10a	10.5	<0.75	<0.10	184	<10	<0.5
DSA HS10b	7.2	<0.75	<0.10	118	<10	<0.5
DSA HS11a	59.6	<0.75	<0.10	1570	<10	<0.5
DSA HS11b	137	<0.75	<0.10	1310	<10	<0.5
DSA HS12a	238	<0.75	<0.10	71.3	<10	<0.5
DSA HS12b	105	<0.75	<0.10	66.7	<10	<0.5
DSA HS13a	83.8	<0.75	<0.10	90.5	<10	<0.5
DSA HS13b	9.9	<0.75	<0.10	32.5	<10	<0.5

**NOTES:** All results expressed in mg/kg (ppm).  
-- : The analysis was not performed.



SECTION A - A'  
 DRUM STORAGE AREA

VERTICAL SCALE: 1" = 2'



LEGEND

- Soil boring location
- Additional soil boring location
- Proposed Limit of Excavation, Based on Clean-up Levels
- Cross section location
- Soil Sample Location

PROJECT #:	35195.108
ORIG. DATE:	JANUARY, 1995
PREP. BY:	CD/RR
REV. BY:	RICHARD BURZINSKI
SCALE:	1" = 10'
FILE NAME:	C:\PROJ\35195A.DWG

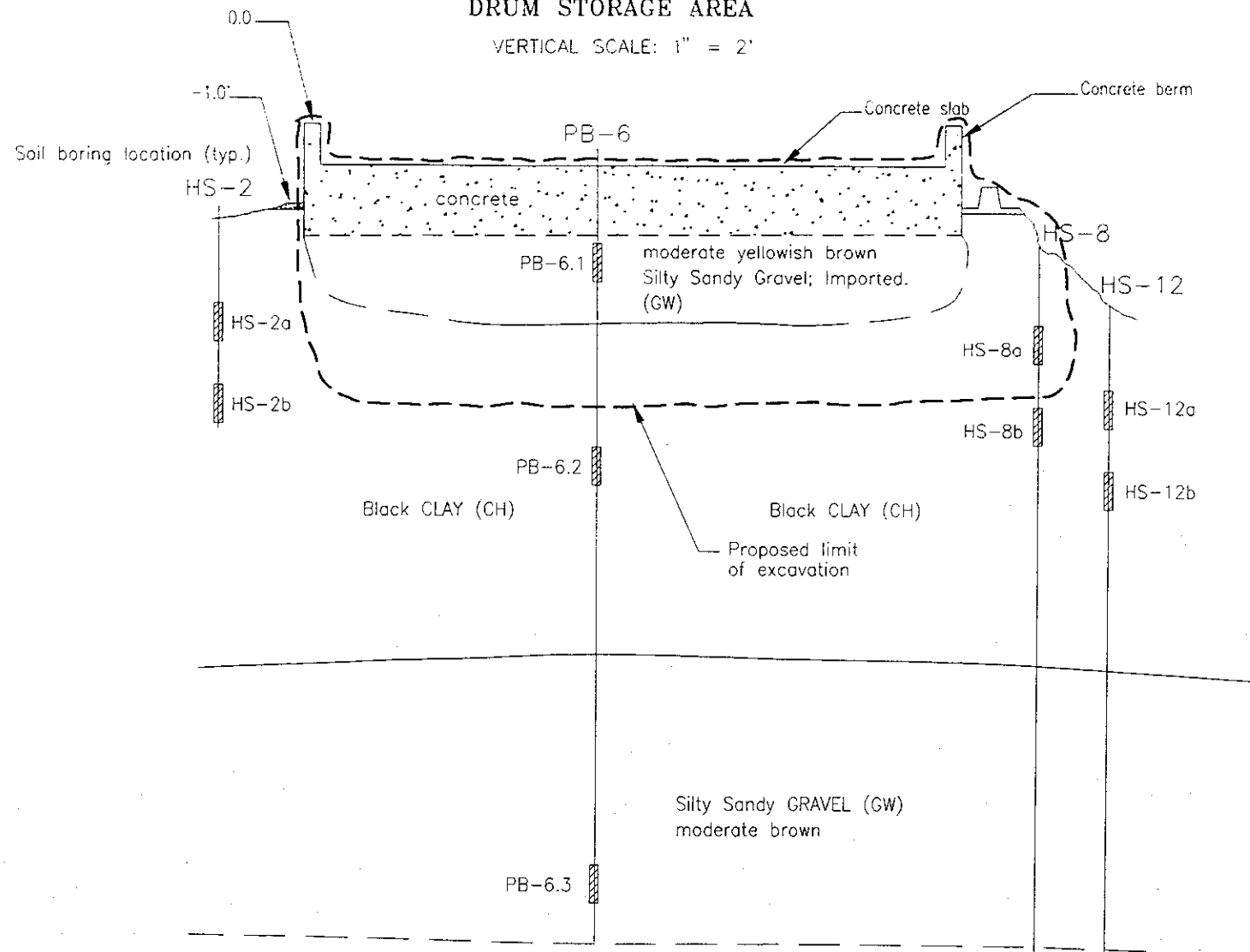
**RUST** ENVIRONMENT & INFRASTRUCTURE  
 SAN JOSE, CALIFORNIA

DRUM STORAGE AREA  
 PLAN VIEW AND SECTION A-A'  
 AMERICAN NATIONAL CAN COMPANY  
 OAKLAND  
 CALIFORNIA

FIGURE  
 1

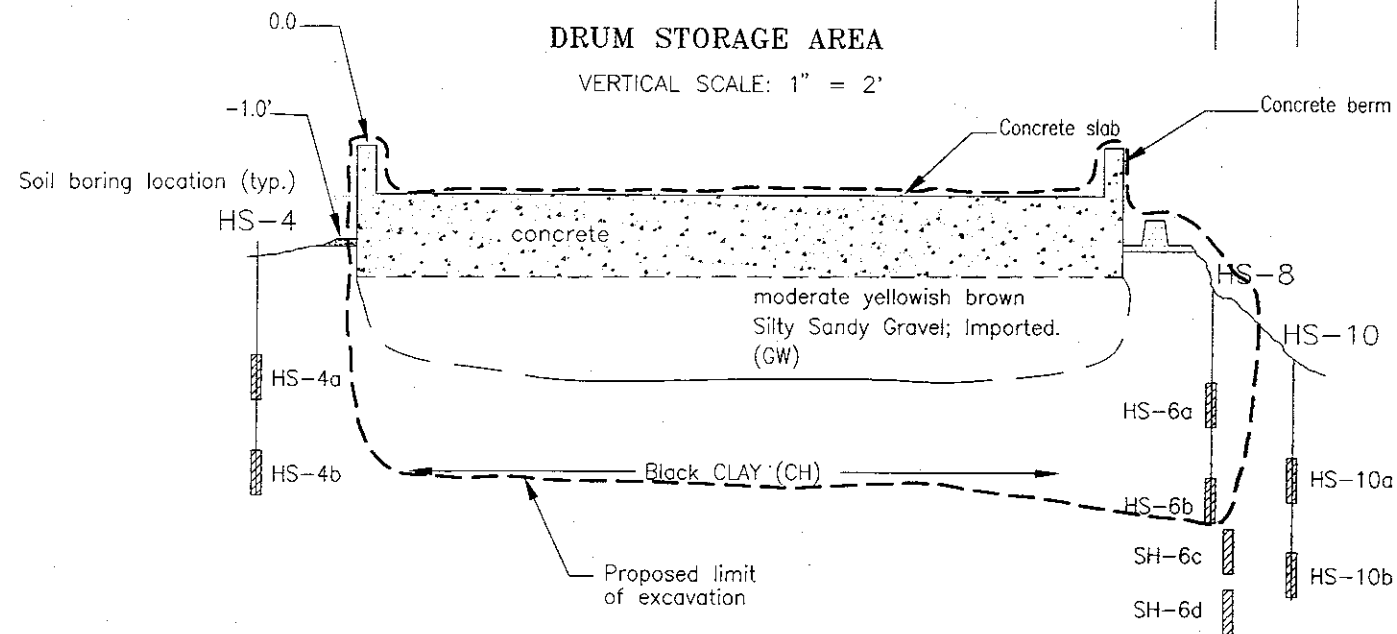
SECTION B - B'  
DRUM STORAGE AREA

VERTICAL SCALE: 1" = 2'



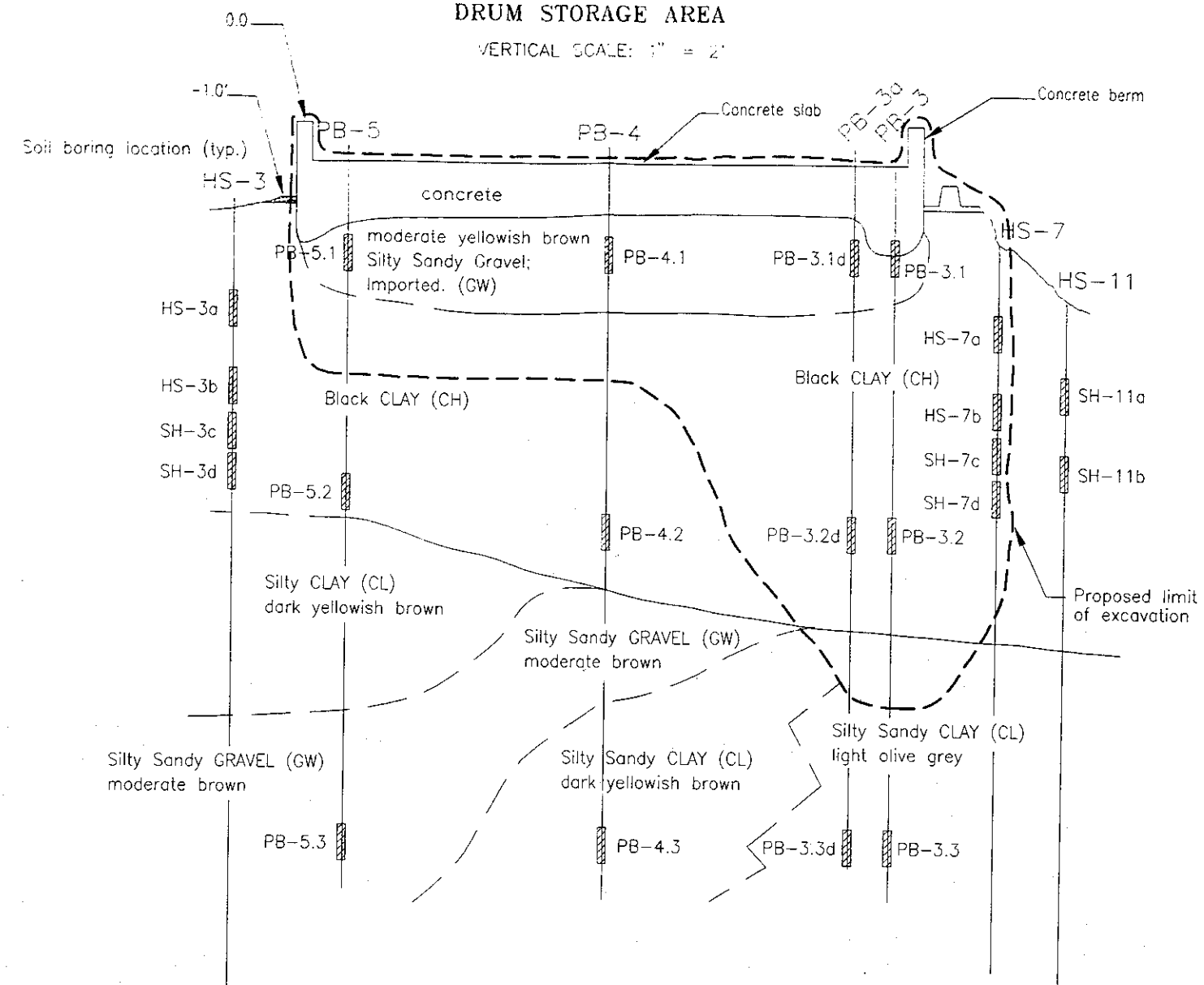
SECTION D - D'  
DRUM STORAGE AREA

VERTICAL SCALE: 1" = 2'

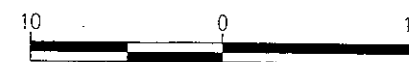


SECTION C - C'  
DRUM STORAGE AREA

VERTICAL SCALE: 1" = 2'



HORIZONTAL SCALE



SCALE IN FEET

PROJECT #:	35195.108
ORIG. DATE:	JANUARY, 1995
PREP. BY:	CHI DU
REV. BY:	RICHARD BURZINSKI
SCALE:	1" = 10'
FILE NAME:	C:\PROV\35195A.DWG

**RUST** ENVIRONMENT &  
INFRASTRUCTURE  
SAN JOSE, CALIFORNIA

DRUM STORAGE AREA  
SECTIONS B-B', C-C', D-D'  
AMERICAN NATIONAL CAN COMPANY  
OAKLAND  
CALIFORNIA

FIGURE

1a