FOR CONTRACT No.: 07-3X3204
PROJECT ID: 0700021170

INFORMATION HANDOUT

SITE INVESTIGATION REPORT

LEAD INVESTIATION ON ROUTE 10
BETWEEN THE LOS ANGELES/SAN BERNARDINO COUNTY LINE
(LA-10 PM 48.3) TO THE ROUTE 57/210 INTERCHANGE (LA-10 PM 42.4)
LOS ANGELES COUNTY, CALIFORNIA
CONTRACT 43Y097
TASK ORDER NO. 07-122401-HV

Prepared for:
CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 7
LOS ANGELES, CALIFORNIA

Prepared by
GEOCON CONSULTANTS, INC
6970 FLANDERS DRIVE
SAN DIEGO, CALIFORNIA 92121
Tel. 858-558-6100
Fax. 858.558.8437
e-mail: environmental@geoconinc.com
October 13, 1998

ROUTE: 07-LA-10-42.8
PROJECT ID: 0700021170

GEOCON

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

Project No. 08730-06-76
Task Order No. 07-122401-HV
October 13, 1998

Mr. Ali Nili
California Department of Transportation
District 7
120 South Spring Street
Los Angeles, California 90012-3606

Subject: SITE INVESTIGATION REPORT
LEAD INVESTIGATION ON ROUTE 10
BETWEEN THE LOS ANGELES/SAN BERNARDINO COUNTY LINE
(LA-10 PM 48.3) TO THE ROUTE 57/210 INTERCHANGE(LA-10 PM 42.4)
LOS ANGELES COUNTY, CALIFORNIA
CONTRACT 43Y097
TASK ORDER NO. 07-122401-HV

Dear Mr. Nili:

In accordance with Caltrans Contract No. 43Y097 and Task Order No. 07-122401-HV, Geocon Environmental Consultants, Inc. (Geocon) has performed environmental engineering services at the site referenced above. The site consisted of the exposed soil adjacent to the east- and west-bound shoulders of Route 10 between the Los Angeles/San Bernardino County Line and the Route 210/57 interchange in Los Angeles County, California. The accompanying report summarizes the services performed, including the advancement of hand-auger borings, limited soil sampling, and laboratory analyses. Should questions concerning the contents of this report arise, or if Geocon may be of further service, please contact the undersigned at your convenience.

Very truly yours,

GEOCON ENVIRONMENTAL CONSULTANTS, INC.

Joel C. Kloth, RG 4628
Project Geologist

Mark P. Wanek
Staff Geologist

Renae E. Hines
Staff Geologist

JCK:MPW:REH:sc

(1) Addressee

REGISTERED GEOLOGIST • JOEL C. KLOTH • No. 4628 • STATE OF CALIFORNIA

6970 Flanders Drive ■ San Diego, California 92121-2974 ■ Telephone (619) 558-6100 ■ Fax (619) 558-8437

TABLE OF CONTENTS

Page

I. EXECUTIVE SUMMARY i
i.i. Conclusions i
i.ii. Recommendations ii

SITE INVESTIGATION REPORT

1. INTRODUCTION 1
1.1. Project Description and Objectives 1
1.2. Scope of Work 1
1.2.1. Task I - Pre-field Activities 1
1.2.2. Task II - Limited Soil Sampling 1
1.2.3. Task III - Laboratory Analyses 2
1.2.4. Task IV - Report Preparation 2
1.3. Previous Site Investigations 2

2. INVESTIGATIVE METHODS 2
2.1. Field Methods 2
2.2. Deviations from Work Plan 3

3. INVESTIGATIVE RESULTS AND FIELD OBSERVATIONS 3
3.1. Site Geology, Hydrology, and Other Site Conditions 3
3.2. Analytical Laboratory Results 3
3.3. Total Lead 3
3.4. Soluble Lead (WET) 3
3.5. Soluble Lead (WET-DI) 3
3.6. Data Validation 4
3.7. Statistical Data Evaluation 4

4. CONCLUSIONS 5

5. RECOMMENDATIONS 6

6. REPORT LIMITATIONS 7

Figures:
1. Vicinity Map
2-24. Boring Location Maps

Table:
I. Summary of Analytical Laboratory Results

Appendixes:
A. Geocon Standard Operating Procedures
B. Laboratory Reports and Chain-of-Custody Documentation
C. Statistical Analysis

I. EXECUTIVE SUMMARY

Pursuant to the California Department of Transportation (Caltrans) Task Order (TO) No 07-122401-HV, Geocon Environmental Consultants, Inc. (Geocon) has performed a site investigation of the east- and west-bound shoulders of Route 10 between the Los Angeles/San Bernardino County Line (LA-10 PM 48.3) and the Route 210/57 interchange (LA-10 PM 42.2) in Los Angeles County, California. The investigation was performed to evaluate for the presence of lead due to the historical combustion of leaded fuels from freeway traffic. Data from the investigation was used to determine the re-use method for soil excavated at the site during the proposed construction for widening, pull-out areas, retaining walls, sound walls, ramps, and CIDH piles. The data was also used to inform Caltrans of potential health and safety issues concerning the presence of lead in soil for workers at the site during construction activities.

Four hundred ninety six (496) soil samples were collected from 200 boring locations. Soil samples were collected from the surface and from a depth of approximately 1 foot and 3 feet below the ground surface, with the exception of boring locations where refusal was encountered. The borings were situated approximately 3 to 10 feet away from the edge of the pavement and were spaced approximately 300 feet apart. The soil samples collected were analyzed for total and soluble lead.

i.i. Conclusions

The laboratory analytical data and statistical analysis indicated that soil along the shoulders of Route 10 at the site has the potential to be classified as a hazardous waste per Title 22 of the California Code of Regulations (CCR). The following tables indicate the intervals in the soil borings that may be impacted with hazardous lead concentrations. Soluble lead concentrations using de-ionized water as the extractant averaged below 0.5 milligrams per liter.

East-Bound Route 10

BORING NOS.	DEPTH POTENTIALLY IMPACTED BY HAZARDOUS LEAD CONCENTRATIONS
B1 through B101	From the surface to 3 feet below the ground surface

West-Bound Route 10

BORING NOS.	DEPTH POTENTIALLY IMPACTED BY HAZARDOUS LEAD CONCENTRATIONS
B102 through B200	From the surface to 3 feet below the ground surface

i.ii. Recommendations

Based upon the results of the soil samples analyzed, it is recommended that the soil excavated at the locations shown in the table below be re-used on-site in accordance with the Department of Toxic Substances Control (DTSC) variance issued to Caltrans. The boring locations are depicted on the Boring Location Maps, presented as Figures 2 through 24. If the soil excavated from the site cannot be re-used on-site, it is recommended that the soil be re-used within Caltrans right-of-way at another site following the same method for re-use described below.

PULL-OUT AREAS

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B20, B29, B30, B31, B67, B70, B72, B95 & B96, B111, B113 & B114, B131, B136, B140 & B141, B144, B159, B180, B182, B184, B187, B189, B191, and B194	The top 2 feet of soil excavated from these locations should be re-used by being placed 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	3800 yd^3

East-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B101	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	17,500 yd^3

West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B101 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	23,800 yd^3

It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous lead concentrations may be present in soil at the site as shown in the tables presented in the *Conclusions* section (i.i). The appropriate health and safety measures should be taken to minimize worker exposure to lead.

SITE INVESTIGATION REPORT

1. INTRODUCTION

1.1. Project Description and Objectives

Pursuant to the California Department of Transportation (Caltrans) Contract 43Y097 and Task Order (TO) No. 07-122401-HV, Geocon Environmental Consultants, Inc. (Geocon) performed environmental engineering services adjacent to the east- and west-bound shoulders of Route 10 between the Los Angeles/San Bernardino County Line (LA-10, PM 48.3) and the Route 210/57 interchange (LA-10, PM 42.4) in Los Angeles County, California. The approximate site location is depicted on the Vicinity Map, presented as Figure 1.

The objective of the site investigation was to evaluate soil along the shoulder of the site for the presence of lead due to the historical combustion of leaded fuels from freeway traffic. The information obtained from the limited soil sampling and laboratory testing was used to determine the method of re-use of soil excavated during the proposed construction activities at the site. The data was also used to inform Caltrans of potential health and safety issues for workers at the site during construction activities.

1.2. Scope of Work

Geocon performed the following tasks:

1.2.1. Task I - Pre-field Activities

- Attended a task order meeting on August 10, 1998, to discuss issues such as field methods, boring locations, health and safety measures, and the completion schedule.
- Prepared a Health and Safety Plan dated August 11, 1998, for the proposed activities. The Health and Safety Plan included guidelines for the use of personal protective equipment for Geocon employees during the field activities.
- Contacted Underground Service Alert (USA) to notify utility companies of the field activities. Geocon was provided with USA Ticket Numbers 188643, 188676, 188685, 188690, 188705, 188719, and 188732.

1.2.2. Task II - Limited Soil Sampling

- Utilized a 3-inch diameter hand auger to collect 496 soil samples from 200 boring locations on August 13, 14, 18, and 19. 20, and 21, 1998. The borings were located along the east and west

bound shoulder of Route 10 between the Route 57/210 interchange and the Los Angeles/San Bernardino County line approximately 3 to 10 feet from the edge of the roadway, and were spaced approximately 300 feet apart. The borings were advanced to a maximum depth of approximately 3 feet below the ground surface except where refusal was encountered. Soil samples were collected from the surface and from depths of approximately 1 and 3 feet below the ground surface, or at the depth of refusal. The approximate boring locations are depicted on the Boring Location Maps, presented as Figures 2 through 24.

- Backfilled the borings with the soil cuttings generated.

1.2.3. Task III - Laboratory Analyses

The soil samples were submitted to a California Department of Health Services (CDOHS)-certified analytical laboratory, and were analyzed for total lead following EPA Test Method 6010. Soil samples that exhibited total lead concentrations greater than or equal to 50 milligrams per kilogram (mg/kg) and less than 1,000 mg/kg were analyzed for soluble lead via the standard Waste Extraction Test (WET) following EPA Test Method 7420. The soil samples that exhibited soluble lead concentrations greater than 5.0 milligrams per liter (mg/l) were re-analyzed for soluble lead via the WET with de-ionized water used as the extractant (WET-DI) following EPA Test Method 7420.

1.2.4. Task IV - Report Preparation

Prepared this report, as outlined in Contract 43Y097, summarizing the results of the site investigation activities requested by Caltrans.

1.3. Previous Site Investigations

Geocon has not performed previous investigations at the site. In addition, Caltrans has not notified Geocon of previous investigations performed at the site.

2. INVESTIGATIVE METHODS

2.1. Field Methods

The field methods used by Geocon to complete this TO are outlined in the following Geocon Standard Operating Procedures (SOPs) presented as Appendix A:

SOP No. 11 - Hand-Augering and Soil Sample Collection
SOP No. 31 - Soil Sample Handling Procedures

2.2. Deviations from Work Plan

A work plan was not prepared for this TO; however, Geocon performed the scope of work as described in TO No. 07-122401-HV.

3. INVESTIGATIVE RESULTS AND FIELD OBSERVATIONS

3.1. Site Geology, Hydrology, and Other Site Conditions

The soil conditions encountered at the site consisted generally of dry to moist, brown to tan, silty sand and silt with gravel to the maximum depth of exploration. Groundwater was not encountered during the advancement of the borings.

3.2. Analytical Laboratory Results

A summary of the analytical laboratory results is presented as Table I. Reproductions of the laboratory reports and chain-of-custody documentation are presented as Appendix B.

3.3. Total Lead

Four hundred ninety six (496) samples were analyzed for total lead. Total lead concentrations ranged from not detected above the laboratory detection limit to 3,200 milligrams per kilogram (mg/kg). Forty four (44) soil samples had total lead concentrations greater than 1,000 mg/kg. Three hundred forty nine (349) soil samples exhibited total lead concentrations greater than 50 mg/kg and less than 1,000 mg/kg.

3.4. Soluble Lead (WET)

Three hundred forty nine (349) soil samples were analyzed for soluble lead via the WET. Soluble lead concentrations ranged from not detected above the laboratory detection limit to 144 milligrams per liter (mg/l). Two hundred ninety four (294) soil samples exhibited soluble lead concentrations greater than the soluble threshold limit concentration (STLC) of 5.0 mg/l.

3.5. Soluble Lead (WET-DI)

Most of the soil samples analyzed for soluble lead WET-DI were analyzed for soluble lead via the WET-DI. The soil samples exhibited soluble lead WET-DI concentrations ranging from less than the laboratory detection limit to 1.19 µg/l. The average soluble lead concentration was less than 0.5 mg/l.

3.6. Data Validation

Prior to submitting the soil samples to the laboratory, the chain-of-custody documentation was reviewed for accuracy and completeness. The laboratory reports were reviewed for accuracy and consistency with chain-of-custody documentation. The matrix-spikes and duplicates were reviewed to ensure the laboratory results were within tolerance control limits. Based upon this validation process, the data quality is adequate for the purposes of this report.

3.7. Statistical Data Evaluation

The analytical laboratory results were evaluated statistically in conformance with a document entitled *Contract 43Y097 Lead Investigation Reporting*, prepared by Caltrans and dated January 20, 1997. This procedure was used in order to determine the best method of re-use for on-site soil. A histogram of the numerical data set was initially developed to determine normality in the data set. During this procedure, the data was determined to be lognormal, and the numerical data set was transformed using the natural logarithm function. The mean concentrations of the total lead in on-site soil were calculated for each sampling depth. The data was evaluated using both an 80 percent and 95 percent upper confidence limit (UCL). A reproduction of the results of the statistical data evaluation are presented in Appendix C.

4. CONCLUSIONS

Based on the data presented in Section 3.0, the soil excavated at the site has the potential to be classified as a hazardous waste per Title 22 of the California Code of Regulations (CCR). Therefore, the re-use of the soil at the site will be performed according to a variance issued to Caltrans by the Department of Toxic Substances Control (DTSC). The following tables indicate the intervals in the soil borings that may be impacted with hazardous lead concentrations.

TABLE 4.1.
East-Bound Route 10

BORING NOS.	DEPTH POTENTIALLY IMPACTED BY HAZARDOUS LEAD CONCENTRATIONS
B1 through B101	From the surface to 3 feet below the ground surface

West-Bound Route 10

BORING NOS.	DEPTH POTENTIALLY IMPACTED BY HAZARDOUS LEAD CONCENTRATIONS
B102 through B200	From the surface to 3 feet below the ground surface

5. RECOMMENDATIONS

Based upon the results of the soil samples analyzed and the regression analysis, it is recommended that the soil excavated at the site be re-used on-site as shown in the table below in accordance with the DTSC variance issued to Caltrans. The boring locations are depicted on Figures 2 through 24. If the soil excavated from the site cannot be re-used on-site, it is recommended that the soil be re-used within Caltrans right-of-way at another site following the same method for re-use described below.

TABLE 5.1
PULL-OUT AREAS

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B20, B29, B30, B31, B67, B70, B72, B95 & B96, B111, B113 & B114, B131, B136, B140 & B141, B144, B159, B180, B182, B184, B187, B189, B191, AND B194	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	3800 yd^3

East-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B101	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	17,500 yd^3

West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B101 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	23,800 yd^3

It is further recommended that Caltrans notify the contractors performing the construction activities that hazardous lead concentrations may be present in soil at the site as shown in the tables presented above. The appropriate health and safety measures should be taken to minimize worker exposure to lead.

Costs for disposal (including transportation and disposal) range from $200 to $225 per ton. It is estimated that it would cost up to $12,000,000 to dispose of the lead impacted soil at the site.

6. REPORT LIMITATIONS

This report has been prepared exclusively for Caltrans. The information obtained is only relevant as of the date of the latest site visit. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The appropriate regulatory agency may require additional investigations. The findings and conclusions as presented in this report are predicated on the results of the limited soil sampling and laboratory analyses performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either expressed or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

INDEX OF SHEETS

STATE OF CALIFORNIA

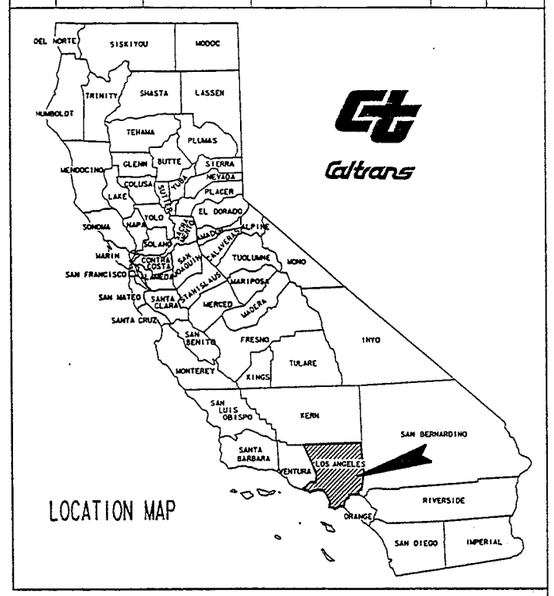
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

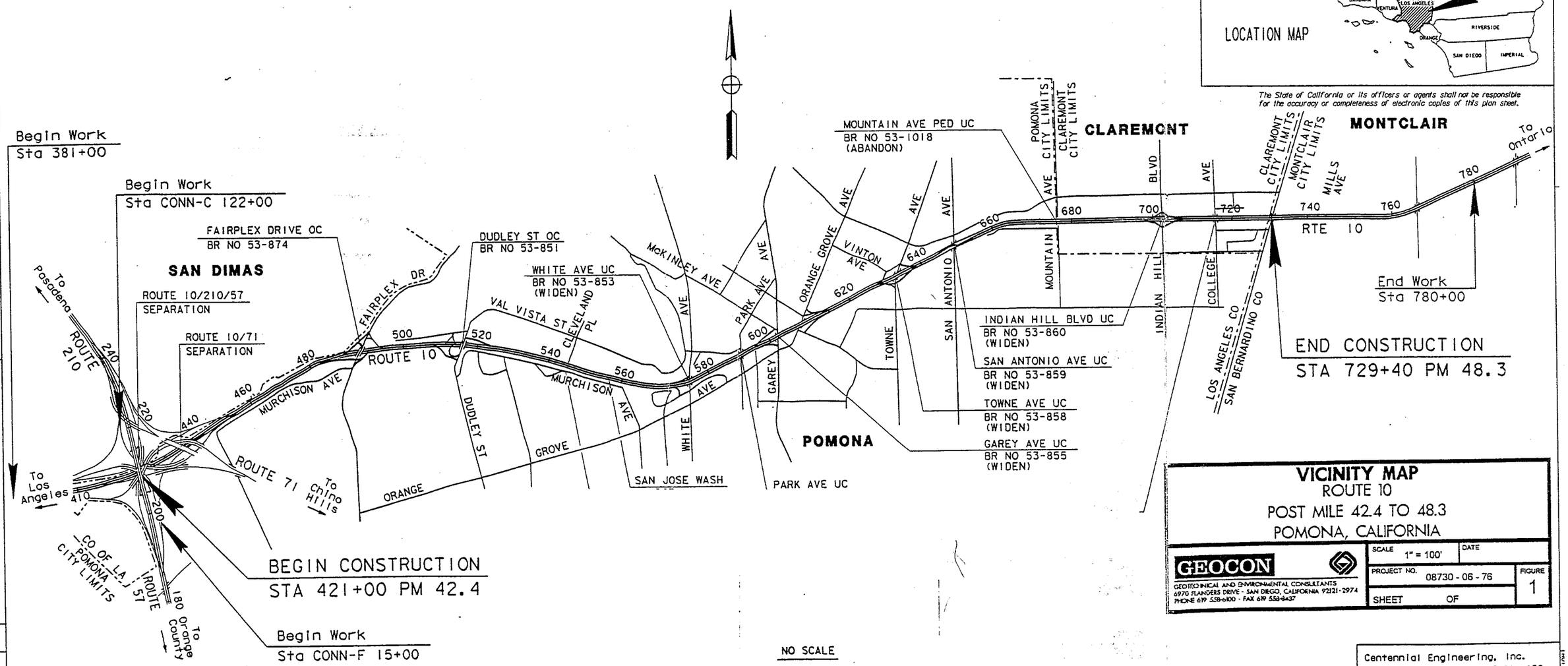
IN LOS ANGELES COUNTY IN POMONA AND CLAREMONT ON FROM ROUTE 57/210 TO THE SAN BERNARDINO COUNTY LINE

To be supplemented by Standard Plans dated July, 1992

DIST	COUNTY	ROUTE	POST MILE TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	42.4/48.3		



The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



The Contractor shall possess the Class (or Classes) of license as specified in the "Notice to Contractors".

VICINITY MAP
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-6237

SCALE 1" = 100'	DATE	
PROJECT NO. 08730-06-76		FIGURE 1
SHEET	OF	

Centennial Engineering, Inc.
17300 Redhill Avenue, Suite 150
Irvine, California 92714

Contract No. 07-122404

DESIGN OVERSIGHT APPROVAL: REFUGIO DOMINGUEZ

PROJECT ENGINEER | DATE | REGISTRATION NO. | DATE

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

LEGEND

- ○ CURVE NUMBER
- ⬡ PAVEMENT STRUCTURE TYPE SEE TYPICAL SECTIONS
- REMOVE SURFACING
- 0.25' PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)
- △ MBGR IDENTIFICATION NO SEE SHEET 0- FOR ITEMS
- VEHICLE CRASH CUSHION (G.R.E.A.T.)

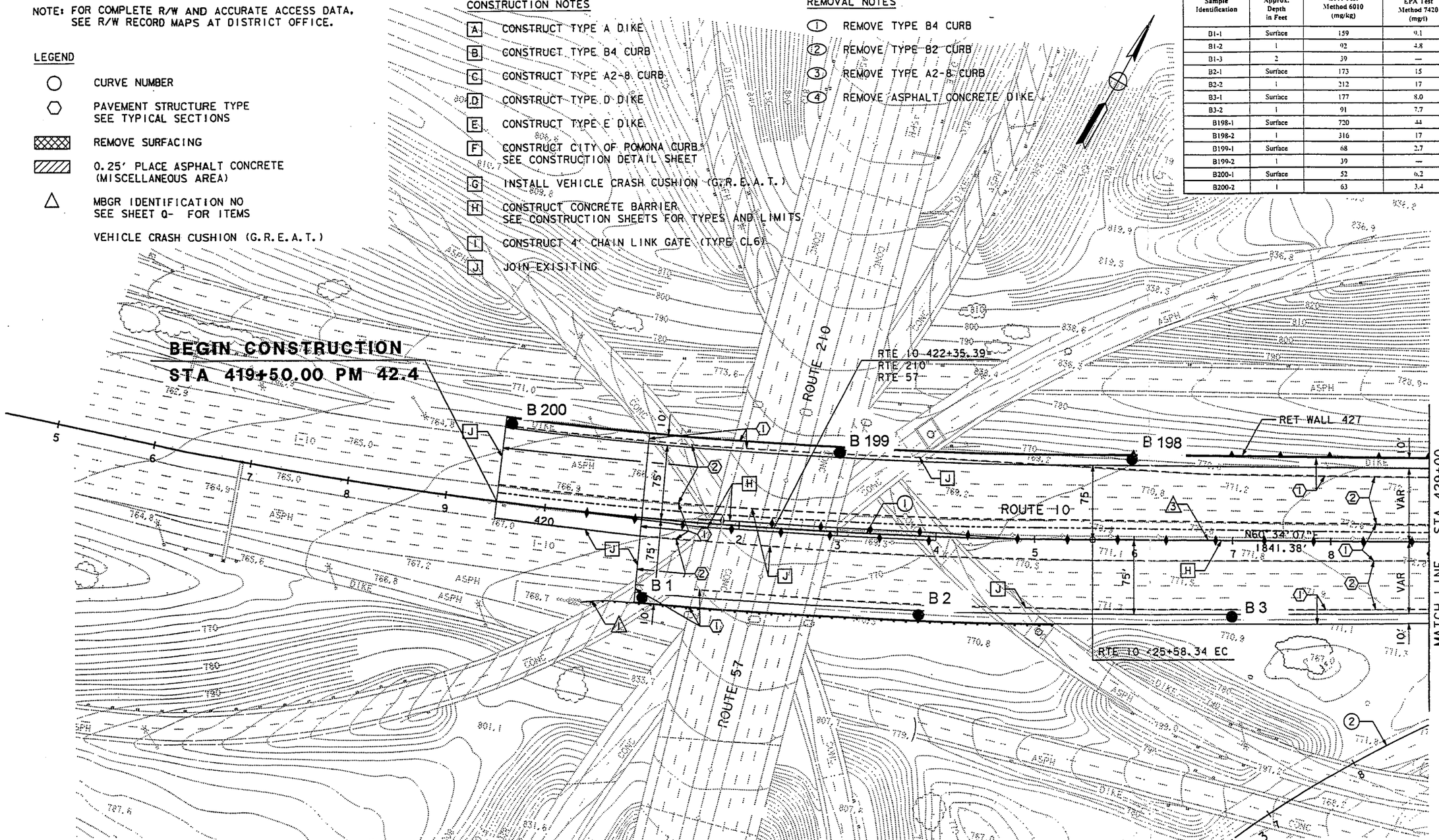
CONSTRUCTION NOTES

- A CONSTRUCT TYPE A DIKE
- B CONSTRUCT TYPE B4 CURB
- C CONSTRUCT TYPE A2-8 CURB
- D CONSTRUCT TYPE D DIKE
- E CONSTRUCT TYPE E DIKE
- F CONSTRUCT CITY OF POMONA CURB SEE CONSTRUCTION DETAIL SHEET
- G INSTALL VEHICLE CRASH CUSHION (G.R.E.A.T.)
- H CONSTRUCT CONCRETE BARRIER SEE CONSTRUCTION SHEETS FOR TYPES AND LIMITS
- I CONSTRUCT 4' CHAIN LINK GATE (TYPE CL6)
- J JOIN EXISITING

REMOVAL NOTES

1. REMOVE TYPE B4 CURB
2. REMOVE TYPE B2 CURB
3. REMOVE TYPE A2-8 CURB
4. REMOVE ASPHALT CONCRETE DIKE

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B1-1	Surface	159	9.1	0.24
B1-2	1	92	4.8	—
B1-3	2	39	—	—
B2-1	Surface	173	15	ND
B2-2	1	212	17	ND
B3-1	Surface	177	8.0	ND
B3-2	1	91	7.7	ND
B198-1	Surface	720	44	0.26
B198-2	1	316	17	0.23
B199-1	Surface	68	2.7	—
B199-2	1	39	—	—
B200-1	Surface	52	6.2	ND
B200-2	1	63	3.4	ND



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

SCALE	DATE	
1" = 100'		
PROJECT NO. 08730 - 06 - 76		FIGURE 2
SHEET OF		

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1942\dwfs\240601.dgn Thu Jul 30 10:04:07 1998

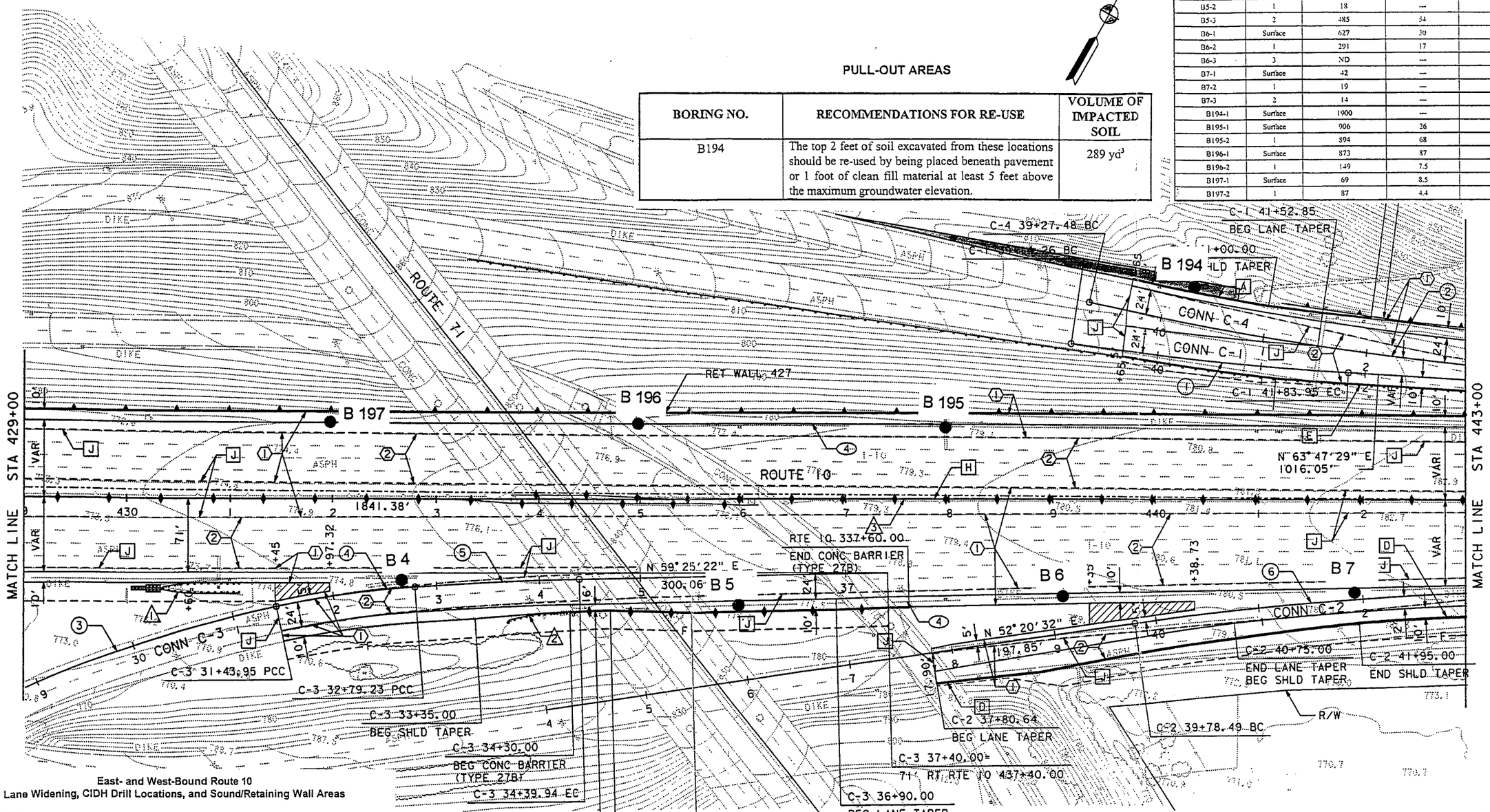
NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B4-1	Surface	481	20	ND
B4-2	1	371	24	ND
B5-1	Surface	922	144	—
B5-2	1	18	—	—
B5-3	2	485	54	ND
B6-1	Surface	627	30	ND
B6-2	1	291	17	0.28
B6-3	3	ND	—	—
B7-1	Surface	42	—	—
B7-2	1	19	—	—
B7-3	2	14	—	—
B194-1	Surface	1900	—	—
B195-1	Surface	906	26	0.45
B195-2	1	894	68	0.39
B196-1	Surface	873	87	0.35
B196-2	1	149	7.5	ND
B197-1	Surface	69	8.5	ND
B197-2	1	87	4.4	—

NO 194

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B194	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	289 yd^3



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

SCALE	DATE
1" = 100'	
PROJECT NO. 08730 - 06 - 76	FIGURE 3
SHEET OF	

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

m:\1942\site\240d2.dgn Thu Jul 30 10:39:28 1998

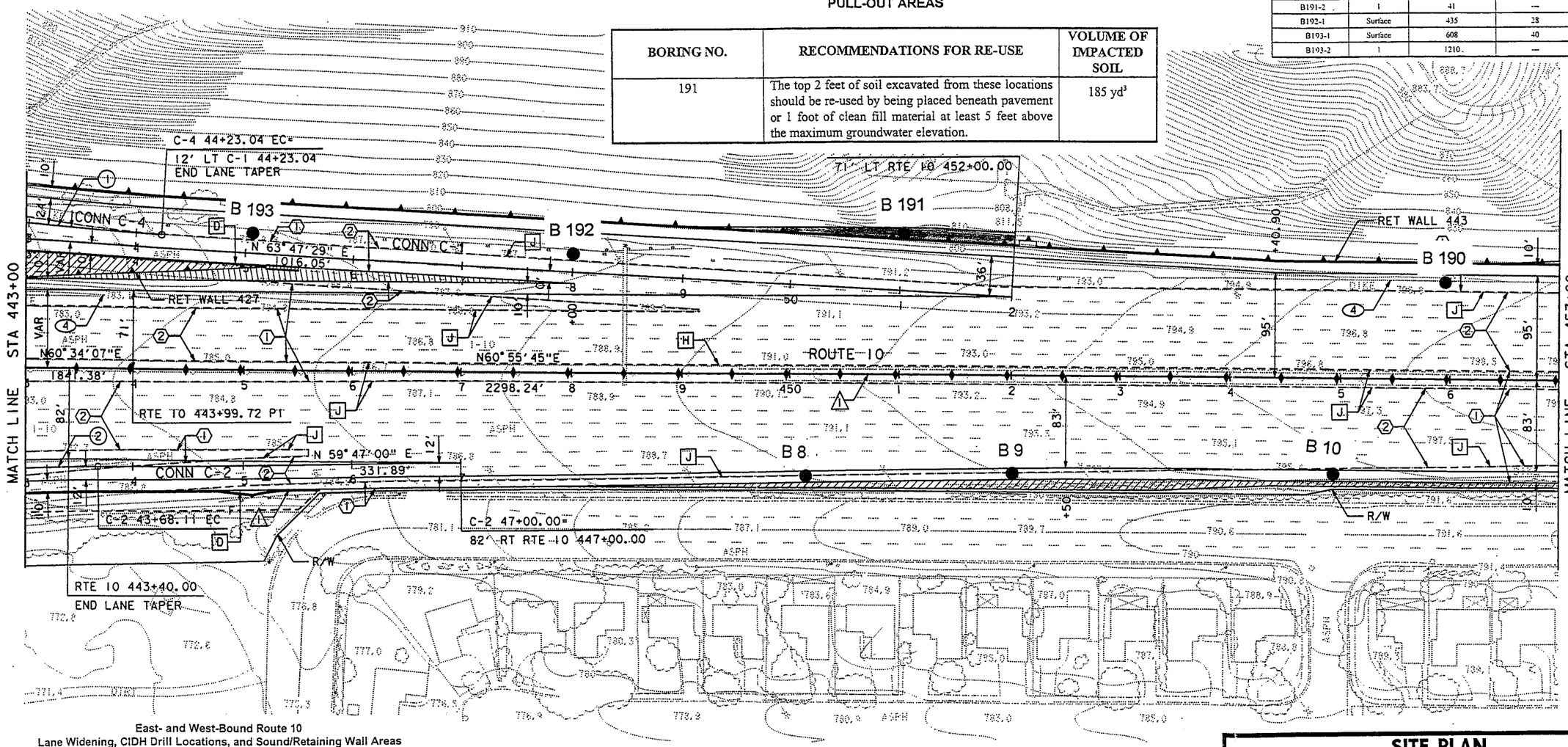
NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B8-1	Surface	132	7.3	ND
B8-2	1	5.0	—	—
B8-3	2	ND	—	—
B9-1	Surface	75	5.7	ND
B9-2	1	48	—	—
B9-3	2¼	18	—	—
B10-1	Surface	28	—	—
B10-2	1	28	—	—
B10-3	3	20	—	—
B190-1	Surface	69	3.8	—
B190-2	1	45	—	—
B190-3	2	10	—	—
B191-1	Surface	81	4.8	—
B191-2	1	41	—	—
B192-1	Surface	435	28	0.18
B193-1	Surface	608	40	0.20
B193-2	1	1210	—	—

NO 193

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
191	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	185 yd³



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

SCALE	DATE
1" = 100'	
PROJECT NO. 08730 - 06 - 76	FIGURE 4
SHEET OF	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY
CHECKED BY
DATE
REVISED BY
DATE REVISED
m:\1942vanta\240403.dgn Thu Jul 30 10:02:46 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B185-1	Surface	79	4.4	—
B185-2	1	218	17	0.16
B186-1	Surface	142	8.7	ND
B186-2	1	23	—	—
B186-3	3	22	—	—
B187-1	Surface	64	2.2	—
B187-2	1	102	3.9	—
B187-3	3	33	—	—
B188-1	Surface	46	—	—
B188-2	1	57	2.6	—
B189-1	Surface	82	3.3	—
B189-2	1	24	—	—
B189-3	3	11	—	—

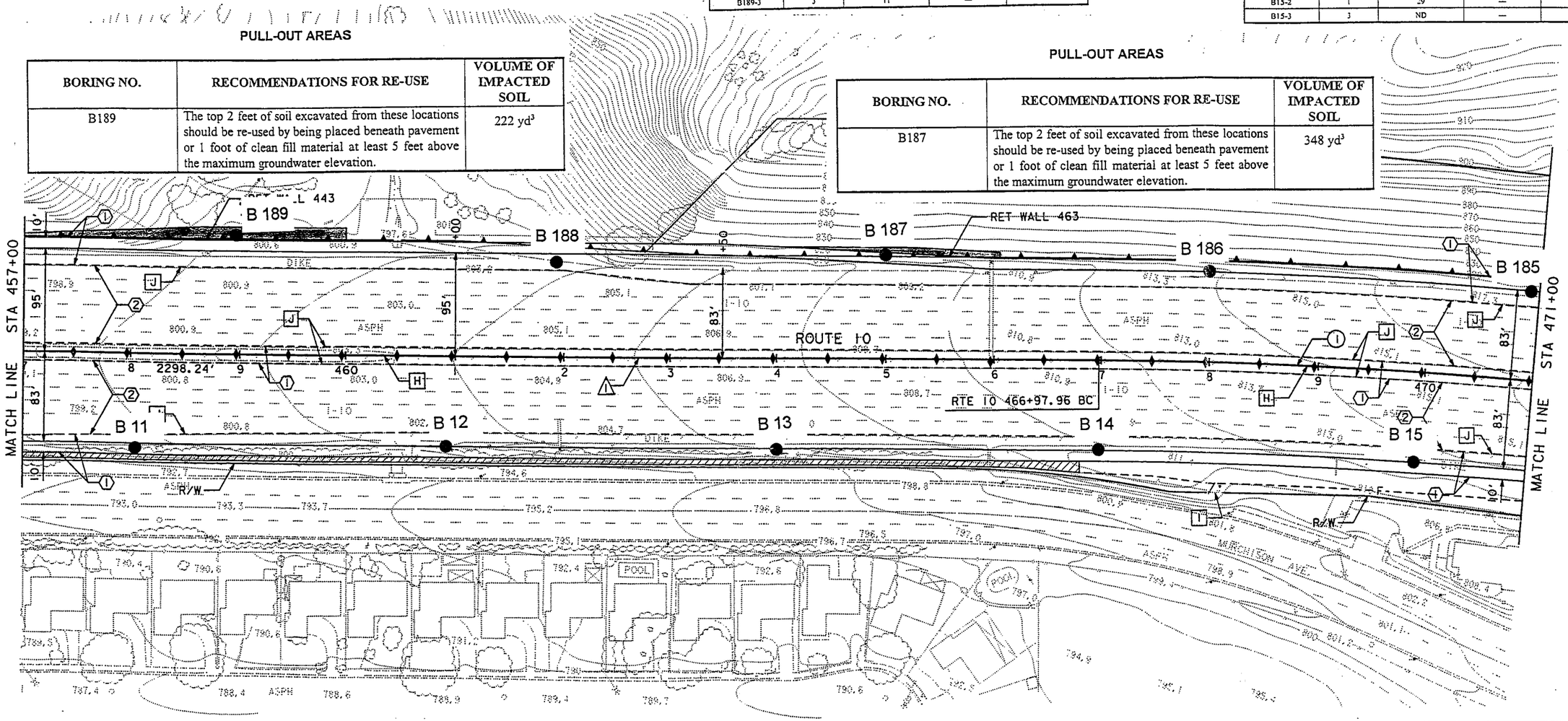
Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B11-1	Surface	65	5.9	ND
B11-2	1	33	—	—
B11-3	2	7.8	—	—
B12-1	Surface	64	6.3	ND
B12-2	1	10	—	—
B12-3	3	7.4	—	—
B13-1	Surface	31	2.2	—
B13-2	1	31	—	—
B14-1	Surface	133	7.1	ND
B14-2	1	20	—	—
B14-3	3	37	—	—
B15-1	Surface	66	4.0	—
B15-2	1	29	—	—
B15-3	3	ND	—	—

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B189	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	222 yd^3

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B187	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	348 yd^3



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

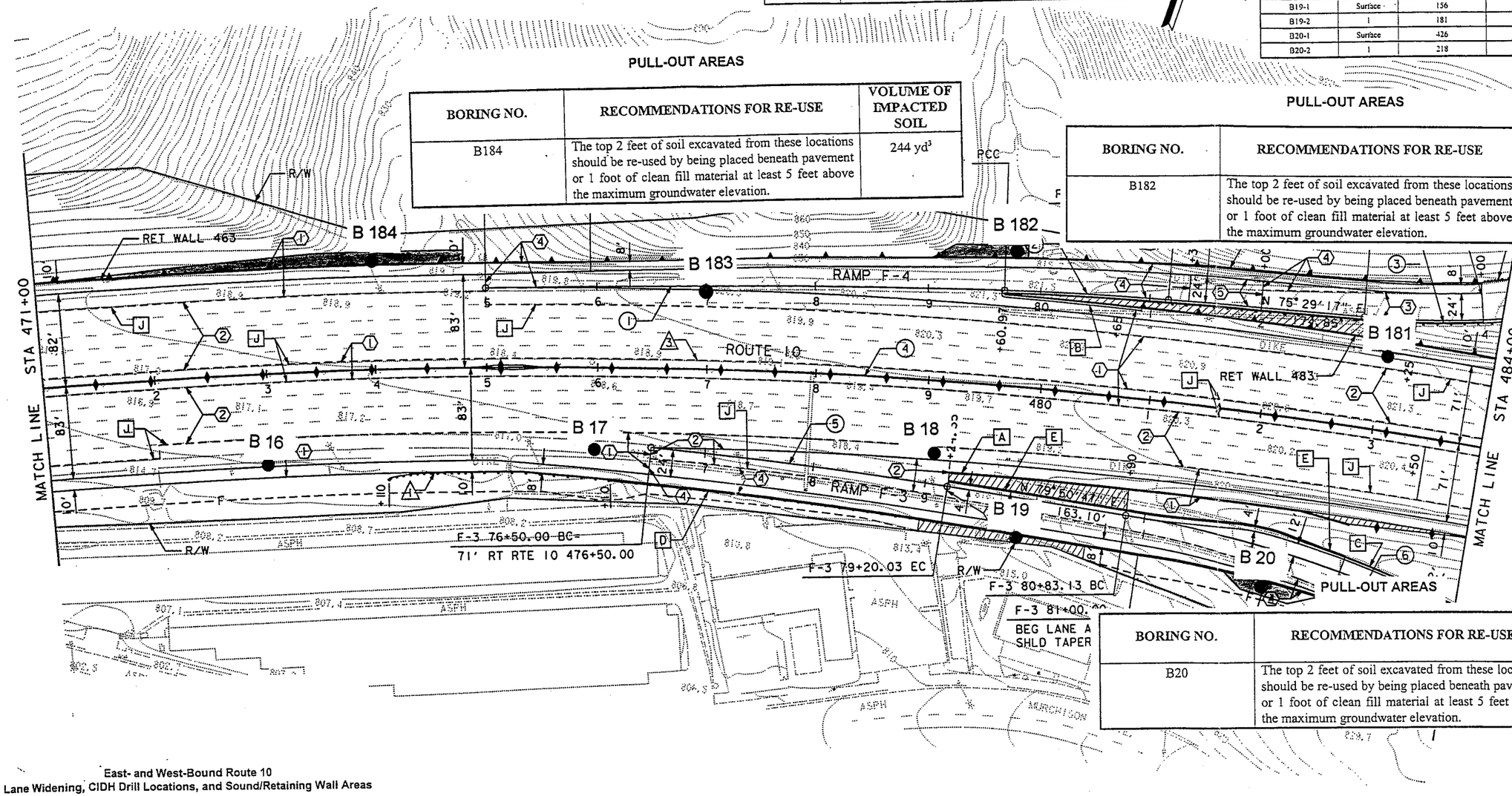
SCALE	DATE
1" = 100'	
PROJECT NO. 08730 - 06 - 76	FIGURE 5
SHEET OF	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY
CHECKED BY
DATE
REVISED BY
DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B181-1	Surface	27	—	—
B181-2	1	1330	—	—
B182-1	Surface	1170	—	—
B182-2	1	752	51	0.49
B183-1	Surface	119	8.3	0.15
B183-2	1	58	4.3	—
B184-1	Surface	81	3.0	—
B184-2	1	19	—	—

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B16-1	Surface	ND	—	—
B16-2	1	139	8.8	ND
B16-3	3	48	2.3	—
B17-1	Surface	426	28	ND
B17-2	1	196	15	0.17
B18-1	Surface	558	61	0.33
B18-2	1	943	81	—
B18-3	2	631	47	0.43
B19-1	Surface	156	16	0.15
B19-2	1	181	11	0.21
B20-1	Surface	426	24	0.24
B20-2	1	218	18	ND



PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B184	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	244 yd³

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B182	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	59 yd³

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B20	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	78 yd³

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 6 | SHEET OF

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED
m:\1942\shts\240605.dgn Thu Jul 30 10:02:11 1998

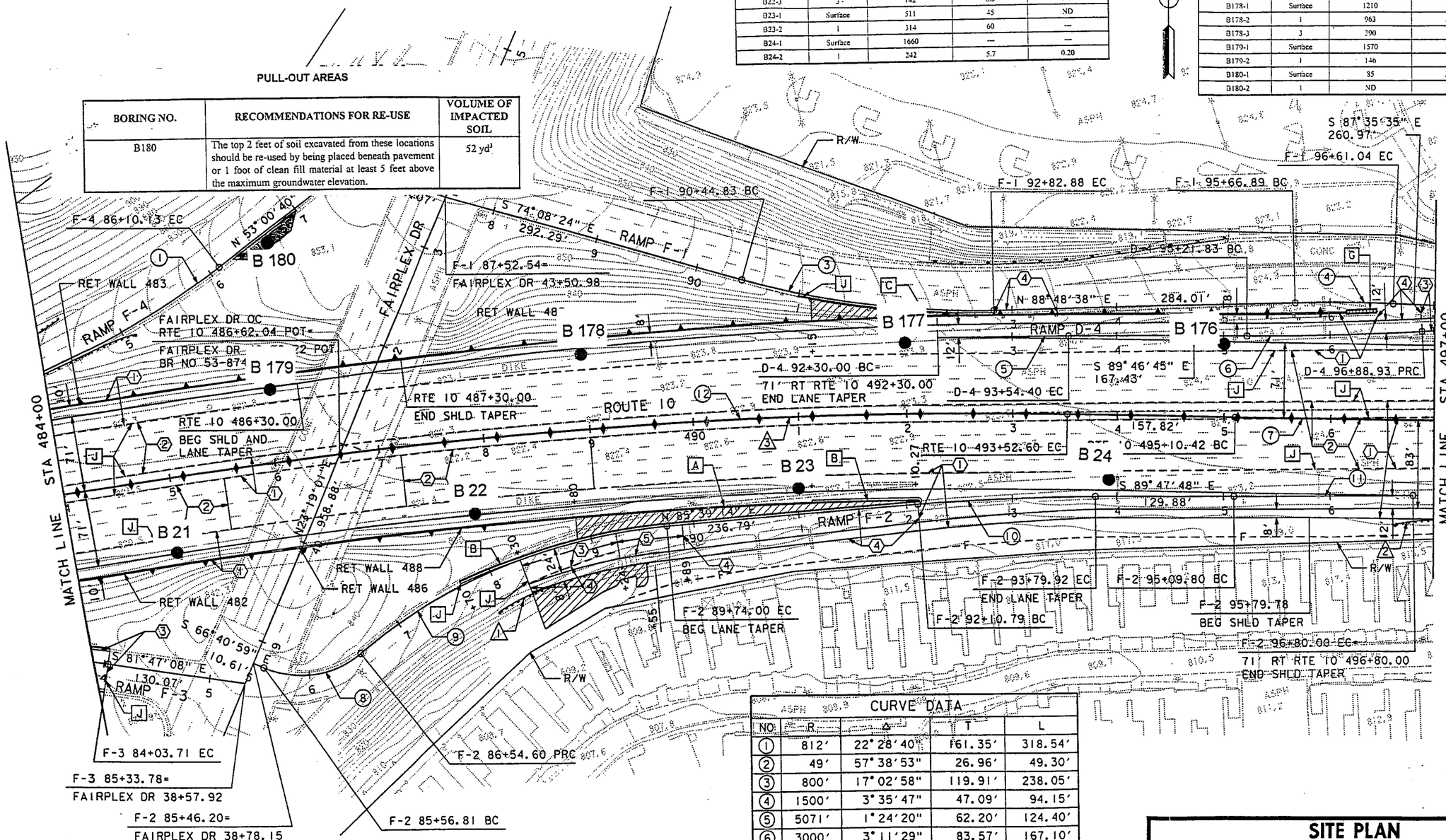
NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B21-1	Surface	1500	—	—
B21-2	1	123	19	ND
B22-1	Surface	898	97	—
B22-2	1	83	—	—
B22-3	3	142	6.5	ND
B23-1	Surface	511	45	ND
B23-2	1	314	60	—
B24-1	Surface	1660	—	—
B24-2	1	242	5.7	0.20

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B176-1	Surface	834	58	0.50
B176-2	1	91	3.8	—
B176-3	3	31	—	—
B177-1	Surface	863	43	0.16
B177-2	1	620	34	ND
B178-1	Surface	1210	—	—
B178-2	1	963	58	0.28
B178-3	3	390	14	ND
B179-1	Surface	1570	—	—
B179-2	1	146	14	ND
B180-1	Surface	85	3.6	—
B180-2	1	ND	—	—

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B180	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	52 yd³



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

CURVE DATA

NO	R	Δ	T	L
1	812'	22°28'40"	161.35'	318.54'
2	49'	57°38'53"	26.96'	49.30'
3	800'	17°02'58"	119.91'	238.05'
4	1500'	3°35'47"	47.09'	94.15'
5	5071'	1°24'20"	62.20'	124.40'
6	3000'	3°11'29"	83.57'	167.10'
7	20000'	2°42'50"	473.77'	947.36'
8	90'	62°15'25"	54.35'	97.79'
9	529'	34°35'38"	164.73'	319.40'
10	2130'	4°32'58"	84.61'	169.13'
11	20071'	0°29'09"	85.10'	170.20'
12	5000'	30°25'12"	1359.41'	2654.64'

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE · SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 · FAX 619 558-8437

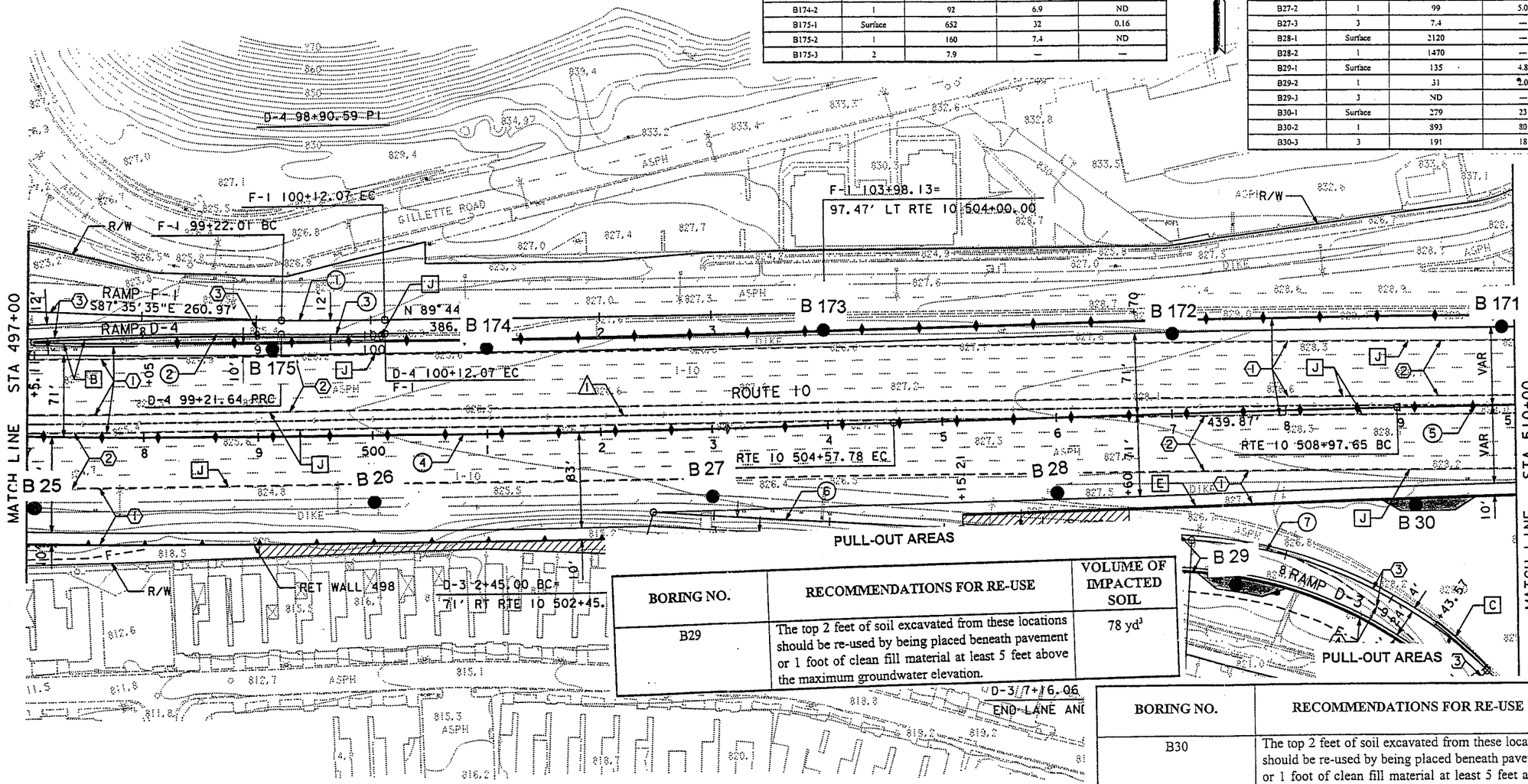
SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 7 | SHEET OF

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
m:\1842\sht\826006.dgn Thu Jul 30 10:40:23 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B171-1	Surface	15	—	—
B171-2	1	355	28	ND
B172-1	Surface	896	50	ND
B172-2	1	90	2.8	—
B173-1	Surface	290	36	0.17
B173-2	1	45	—	—
B174-1	Surface	491	37	0.29
B174-2	1	92	6.9	ND
B175-1	Surface	652	32	0.16
B175-2	1	160	7.4	ND
B175-3	2	7.9	—	—

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B25-1	Surface	716	67	0.75
B25-2	1	312	20	ND
B25-3	3	385	34	ND
B26-1	Surface	1140	—	—
B26-2	1	499	43	1.0
B26-3	2	135	4.5	—
B27-1	Surface	394	40	0.25
B27-2	1	99	5.0	—
B27-3	3	7.4	—	—
B28-1	Surface	2120	—	—
B28-2	1	1470	—	—
B29-1	Surface	135	4.8	—
B29-2	1	31	2.0	—
B29-3	3	ND	—	—
B30-1	Surface	279	23	0.19
B30-2	1	893	80	0.44
B30-3	3	191	18	0.23



BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B29	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	78 yd³

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B30	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	78 yd³

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

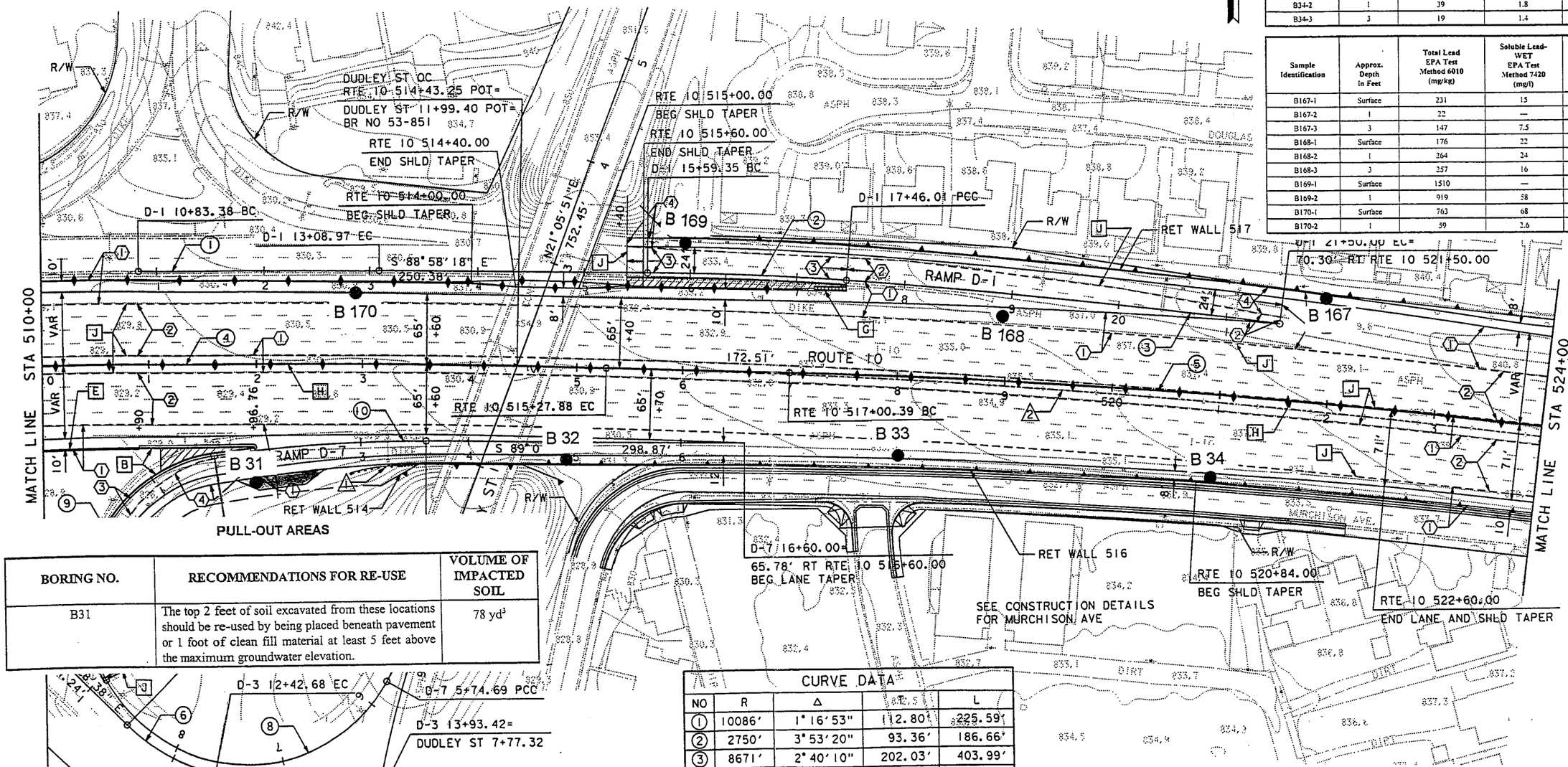
SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 8 | SHEET OF

DATE | REVISED BY | DATE REVISED
CALCULATED/DESIGNED BY | CHECKED BY
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1842\shts\240e07.dgn Thu Jul 30 08:17:28 1998

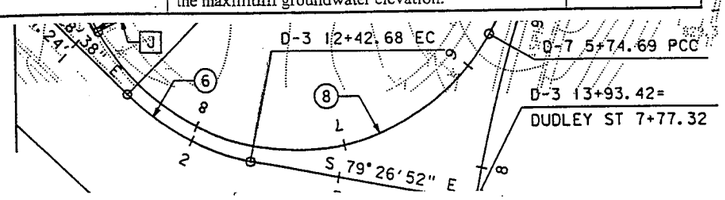
NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B31-1	Surface	600	53	0.29
B31-2	1	21	—	—
B32-1	Surface	1640	—	—
B32-2	1	13	—	—
B32-3	2	62	5.0	—
B33-1	Surface	468	20	0.25
B33-2	1	15	—	—
B33-3	3	6.3	—	—
B34-1	Surface	752	51	0.27
B34-2	1	39	1.8	—
B34-3	3	19	1.4	—

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B167-1	Surface	231	15	ND
B167-2	1	22	—	—
B167-3	3	147	7.5	ND
B168-1	Surface	176	22	ND
B168-2	1	264	24	ND
B168-3	3	257	16	ND
B169-1	Surface	1510	—	—
B169-2	1	919	58	0.40
B170-1	Surface	763	68	0.34
B170-2	1	59	2.6	—



BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B31	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	78 yd³



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

CURVE DATA

NO	R	Δ	T	L
1	10086'	1° 16' 53"	112.80'	225.59'
2	2750'	3° 53' 20"	93.36'	186.66'
3	8671'	2° 40' 10"	202.03'	403.99'
4	10000'	3° 36' 39"	315.22'	630.23'
5	8600'	8° 40' 44"	652.59'	1302.68'
6	160'	33° 58' 14"	48.87'	94.86'
7	315'	5° 35' 59"	15.41'	30.79'
8	150'	120° 56' 10"	264.78'	316.61'
9	140'	111° 27' 07"	205.43'	272.33'
10	1331'	8° 30' 07"	98.93'	197.50'

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

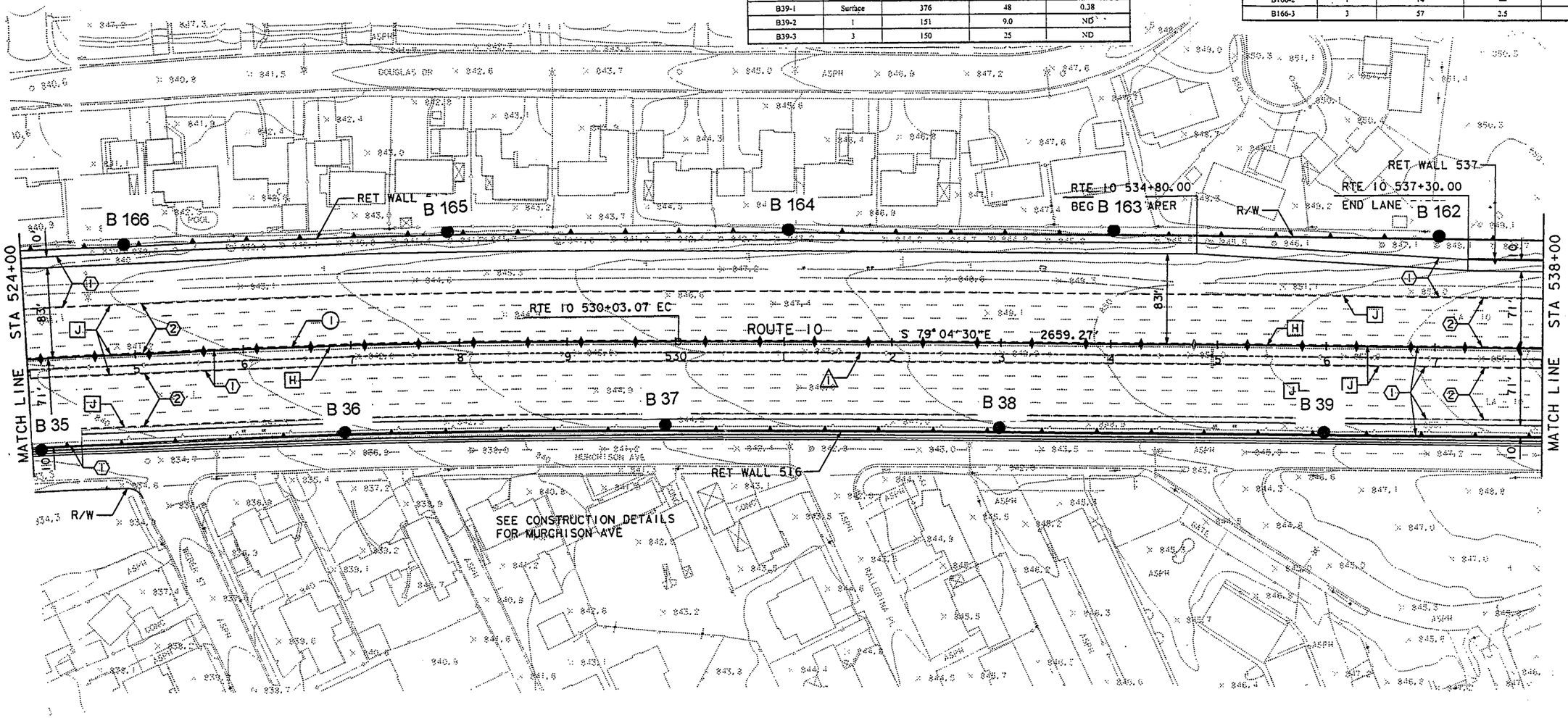
SCALE	DATE
1" = 100'	
PROJECT NO. 08730 - 06 - 76	FIGURE 9
SHEET OF	

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1942\dwg\240608.dgn Thu Jul 30 10:37:55 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B35-1	Surface	533	48	0.58
B35-2	1	123	8.8	ND
B35-3	3	100	6.4	ND
B36-1	Surface	976	95	—
B36-2	1	241	20	ND
B36-3	1½	383	30	ND
B37-1	Surface	297	21	0.22
B37-2	1	54	2.0	—
B37-3	3	181	15	ND
B38-1	Surface	1220	—	—
B38-2	1	118	5.4	ND
B38-3	3	227	12	ND
B39-1	Surface	376	48	0.38
B39-2	1	151	9.0	ND
B39-3	3	150	25	ND

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B162-1	Surface	1540	—	—
B162-2	1	348	29	1.19
B162-3	3	107	8.4	ND
B163-1	Surface	53	3.2	—
B163-2	1	672	40	0.32
B163-3	3	156	12	ND
B164-1	Surface	1350	—	—
B164-2	1	84	6.2	ND
B165-1	Surface	283	26	ND
B165-2	1	52	3.1	ND
B165-3	3	20	—	—
B166-1	Surface	586	34	ND
B166-2	1	14	—	—
B166-3	3	57	2.5	—



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6975 HANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 10 | SHEET OF

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

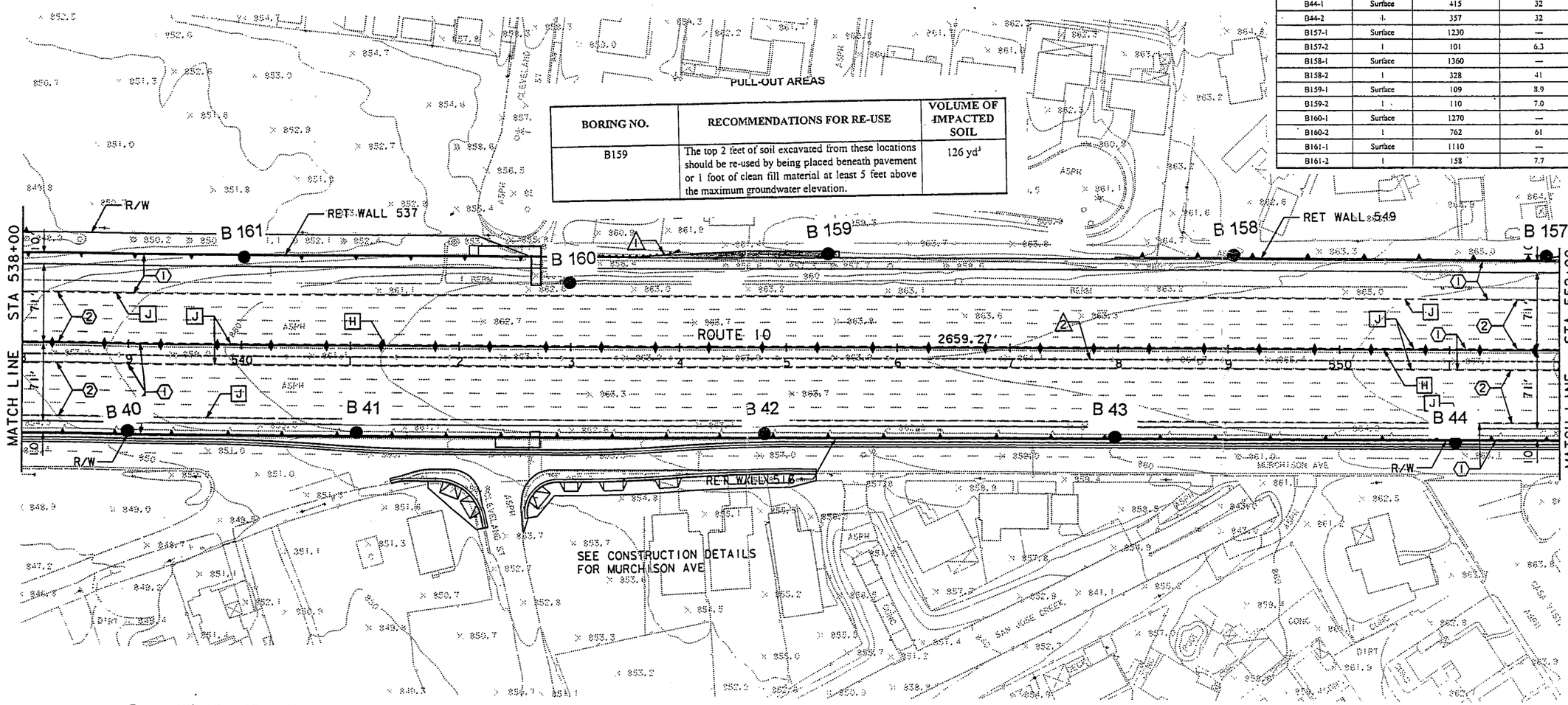
Caltrans

CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

m:\1842\mtts\240e06.dgn Thu Jul 30 10:24:01 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B40-1	Surface	376	48	0.29
B40-2	1	18	—	—
B40-3	3	ND	—	—
B41-1	Surface	1200	—	—
B41-2	1	91	6.4	ND
B41-3	3	310	8.2	ND
B42-1	Surface	405	50	0.24
B42-2	1	32	—	—
B42-3	3	60	5.9	ND
B43-1	Surface	510	46	0.16
B43-2	1	131	9.7	ND
B43-3	3	108	6.4	ND
B44-1	Surface	415	32	ND
B44-2	1	357	32	ND
B157-1	Surface	1230	—	—
B157-2	1	101	6.3	ND
B158-1	Surface	1360	—	—
B158-2	1	328	41	0.23
B159-1	Surface	109	8.9	—
B159-2	1	110	7.0	ND
B160-1	Surface	1270	—	—
B160-2	1	762	61	0.15
B161-1	Surface	1110	—	—
B161-2	1	158	7.7	ND



BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B159	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	126 yd^3

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

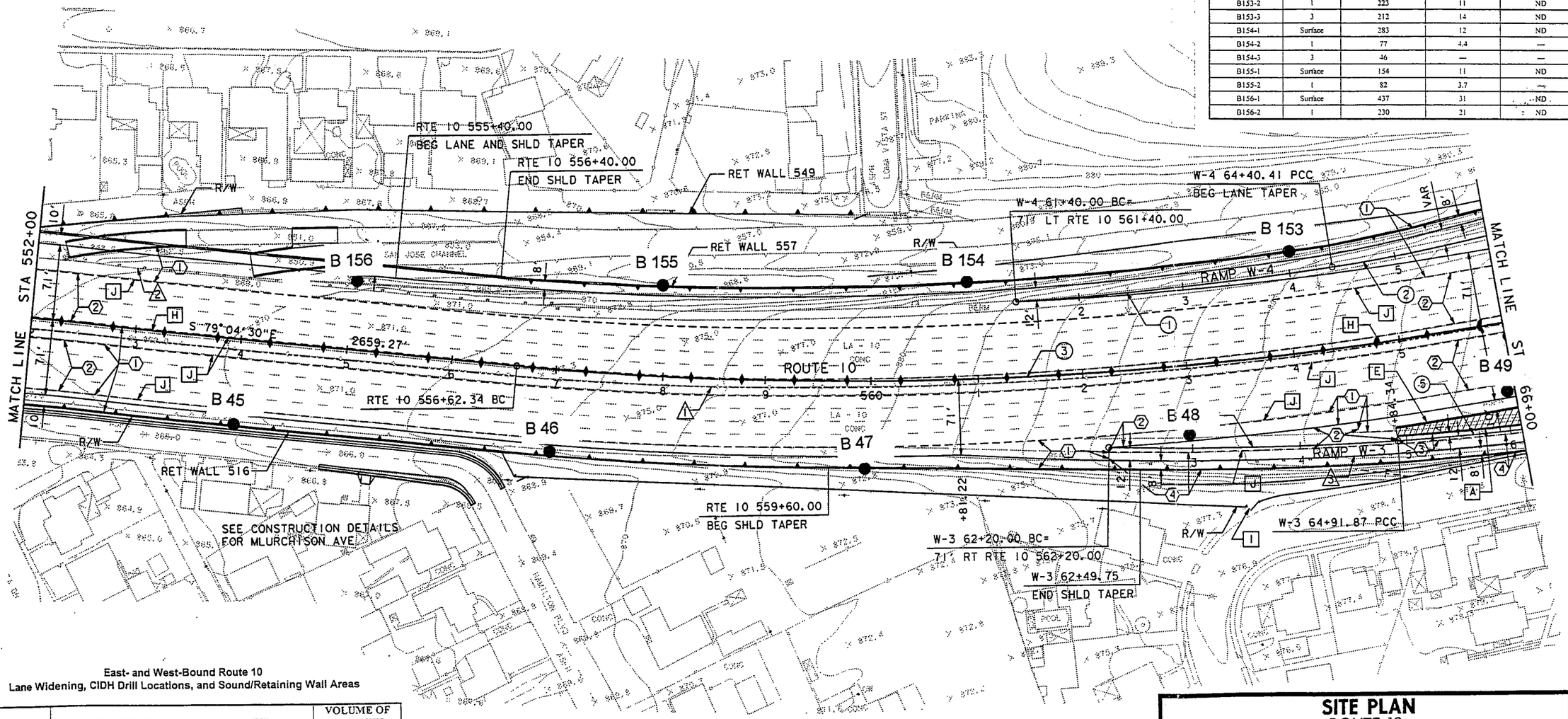
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE
PROJECT NO. 08730 - 06 - 76 | FIGURE 11
SHEET OF

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1942\dwg\v24\ai0.dgn Thu Jul 30 10:17:42 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B45-1	Surface	1580	—	—
B45-2	1	323	46	ND
B46-1	Surface	337	28	ND
B46-2	1	151	13	ND
B47-1	Surface	1810	—	—
B47-2	1	178	13	ND
B48-1	Surface	750	42	ND
B48-2	1	123	19	ND
B48-3	3	166	15	ND
B49-1	Surface	3060	—	—
B49-2	1	452	51	ND
B49-3	3	807	54	0.21
B153-1	Surface	62	4.8	—
B153-2	1	223	11	ND
B153-3	3	212	14	ND
B154-1	Surface	283	12	ND
B154-2	1	77	4.4	—
B154-3	3	46	—	—
B155-1	Surface	154	11	ND
B155-2	1	82	3.7	—
B156-1	Surface	437	31	ND
B156-2	1	230	21	ND



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

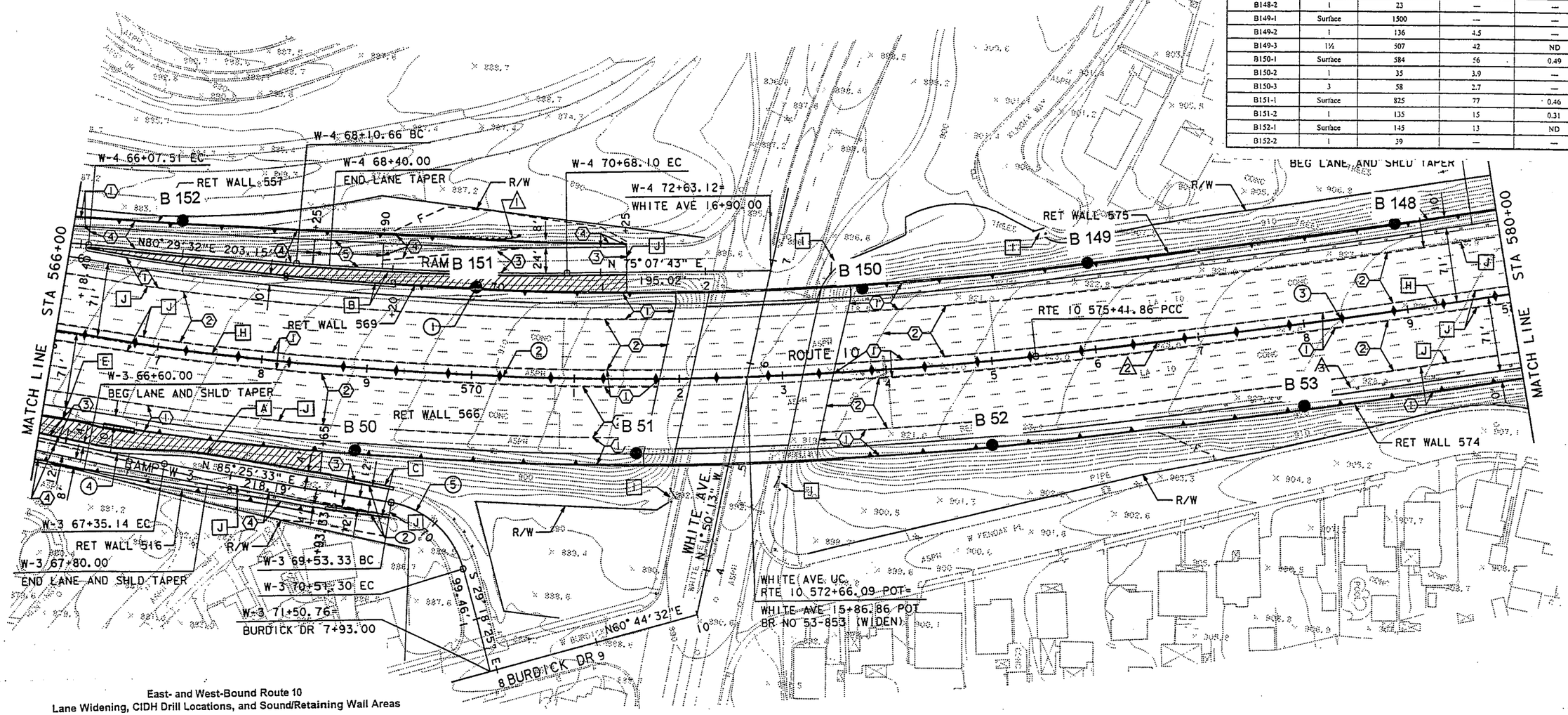
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6975 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | SHEET OF | FIGURE 12

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1842\data\240all.dgn Thu Jul 30 10:18:35 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B50-1	Surface	3200	—	—
B50-2	1	804	91	—
B51-1	Surface	165	7.4	ND
B51-2	1	32	—	—
B51-3	3	41	—	—
B52-1	Surface	2130	—	—
B52-2	1	683	46	0.24
B53-1	Surface	308	12	ND
B53-2	1	52	5.5	—
B53-3	3	72	0.9	ND
B148-1	Surface	151	17	ND
B148-2	1	23	—	—
B149-1	Surface	1500	—	—
B149-2	1	136	4.5	—
B149-3	1½	507	42	ND
B150-1	Surface	584	56	0.49
B150-2	1	35	3.9	—
B150-3	3	58	2.7	—
B151-1	Surface	825	77	0.46
B151-2	1	135	15	0.31
B152-1	Surface	145	13	ND
B152-2	1	39	—	—



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

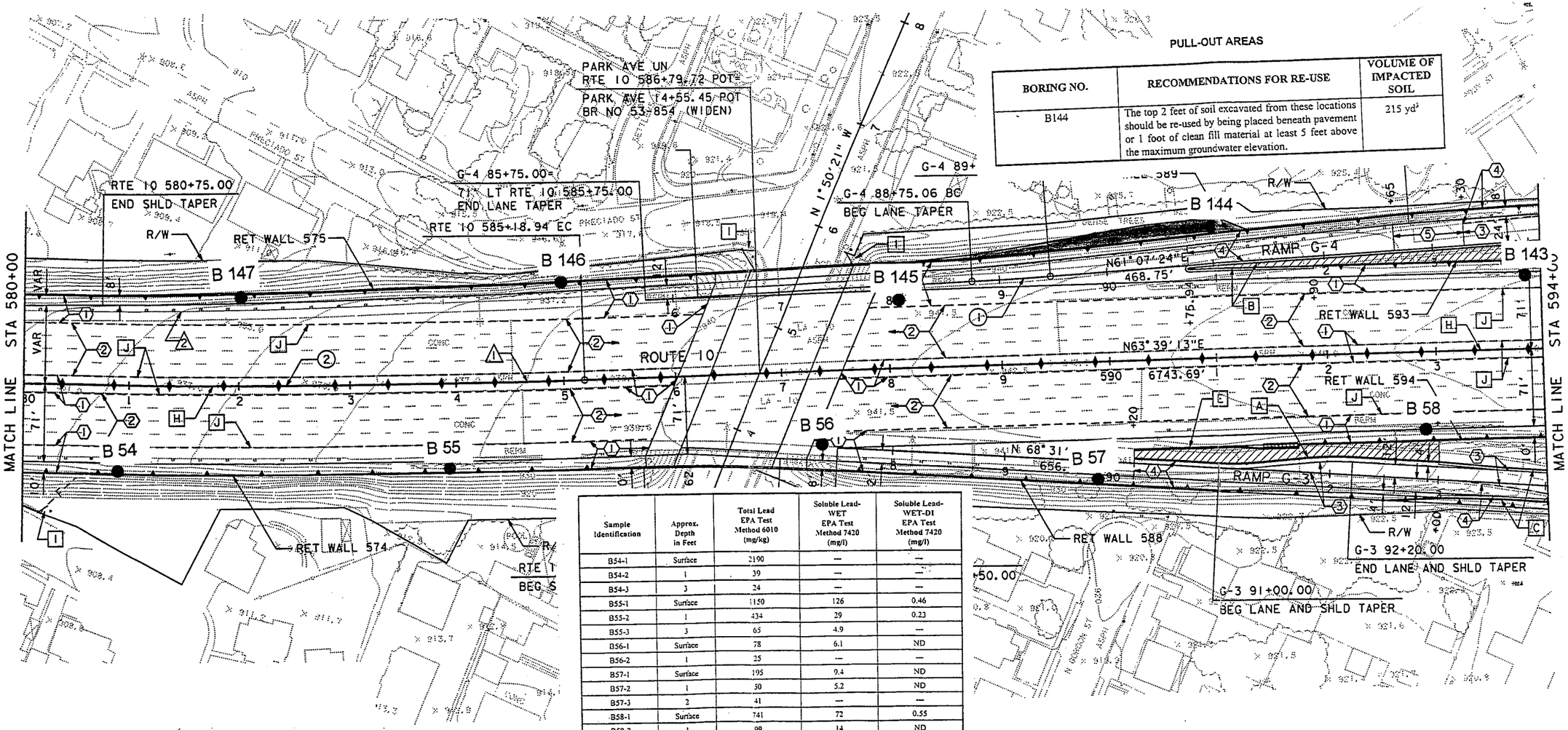
SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE
PROJECT NO. 08730 - 06 - 76 | FIGURE 13
SHEET OF

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1942\ants\240e12.dgn Thu Jul 30 10:20:49 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.



PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B144	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	215 yd³

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B54-1	Surface	2190	—	—
B54-2	1	39	—	—
B54-3	3	24	—	—
B55-1	Surface	1150	126	0.46
B55-2	1	434	29	0.23
B55-3	3	65	4.9	—
B56-1	Surface	78	6.1	ND
B56-2	1	25	—	—
B57-1	Surface	195	9.4	ND
B57-2	1	30	5.2	ND
B57-3	2	41	—	—
B58-1	Surface	741	72	0.55
B58-2	1	99	14	ND
B58-3	2	248	16	ND
B143-1	Surface	178	8.3	ND
B143-2	1	308	20	0.52
B144-1	Surface	918	61	0.17
B144-2	1	246	17	0.45
B144-3	1½	239	15	0.30
B145-1	Surface	634	65	0.74
B145-2	1	170	15	ND
B146-1	Surface	1400	—	—
B146-2	1	93	5.8	ND
B146-3	2	29	—	—
B147-1	Surface	420	30	ND
B147-2	1	103	4.9	—
B147-3	1½	67	4.2	—

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

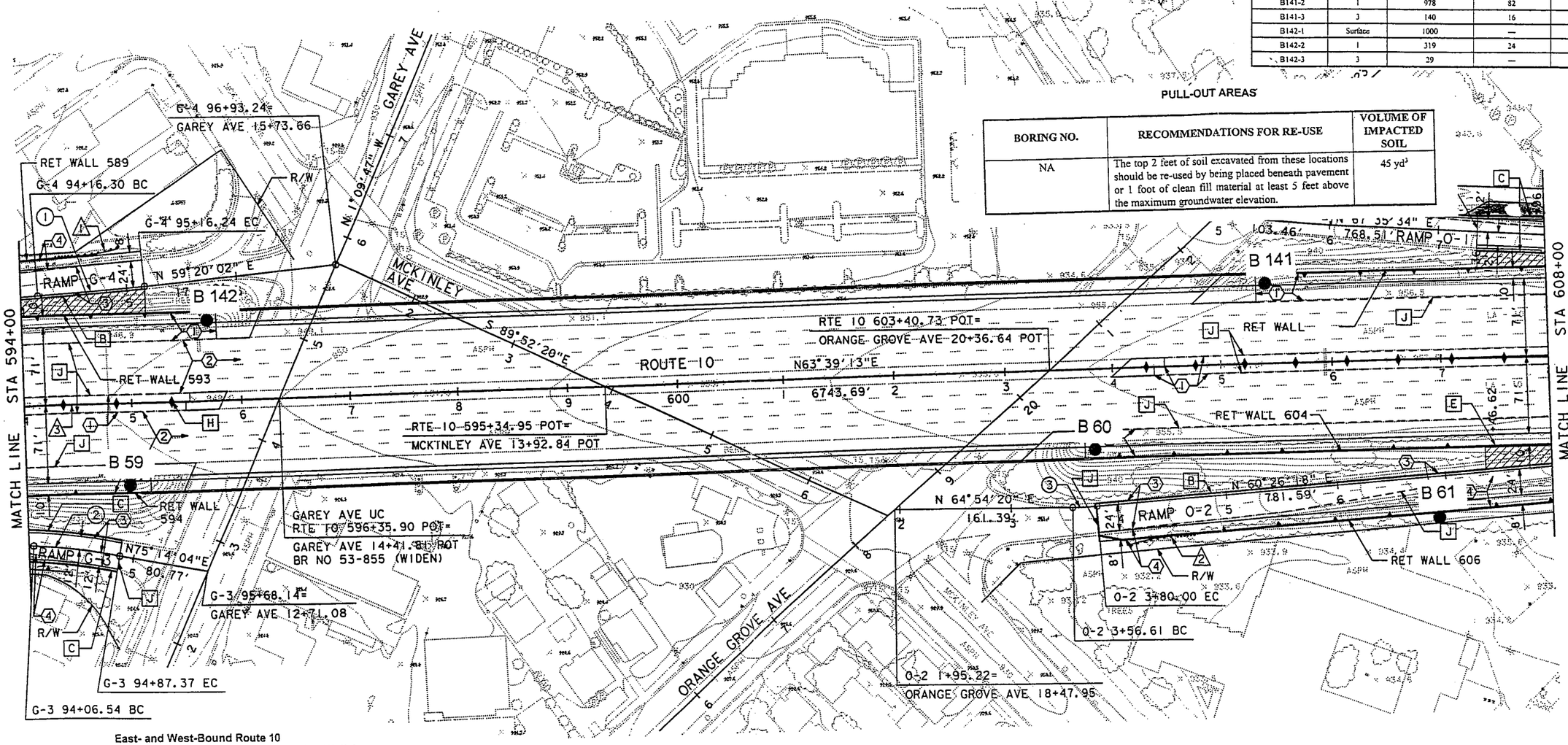
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 14 | SHEET OF

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
m:\1842\dwfs\240613.dgn Thu Jul 30 10:20:36 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B59-1	Surface	333	87	0.31
B59-2	1	1340	—	—
B59-3	2	271	25	0.49
B60-1	Surface	200	16	ND
B60-2	1	512	66	0.22
B61-1	Surface	594	52	ND
B61-2	1	328	24	0.26
B61-3	2	138	6.6	ND
B141-1	Surface	178	16	ND
B141-2	1	978	82	0.33
B141-3	3	140	16	ND
B142-1	Surface	1000	—	—
B142-2	1	319	24	ND
B142-3	3	29	—	—



BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
NA	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	45 yd³

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

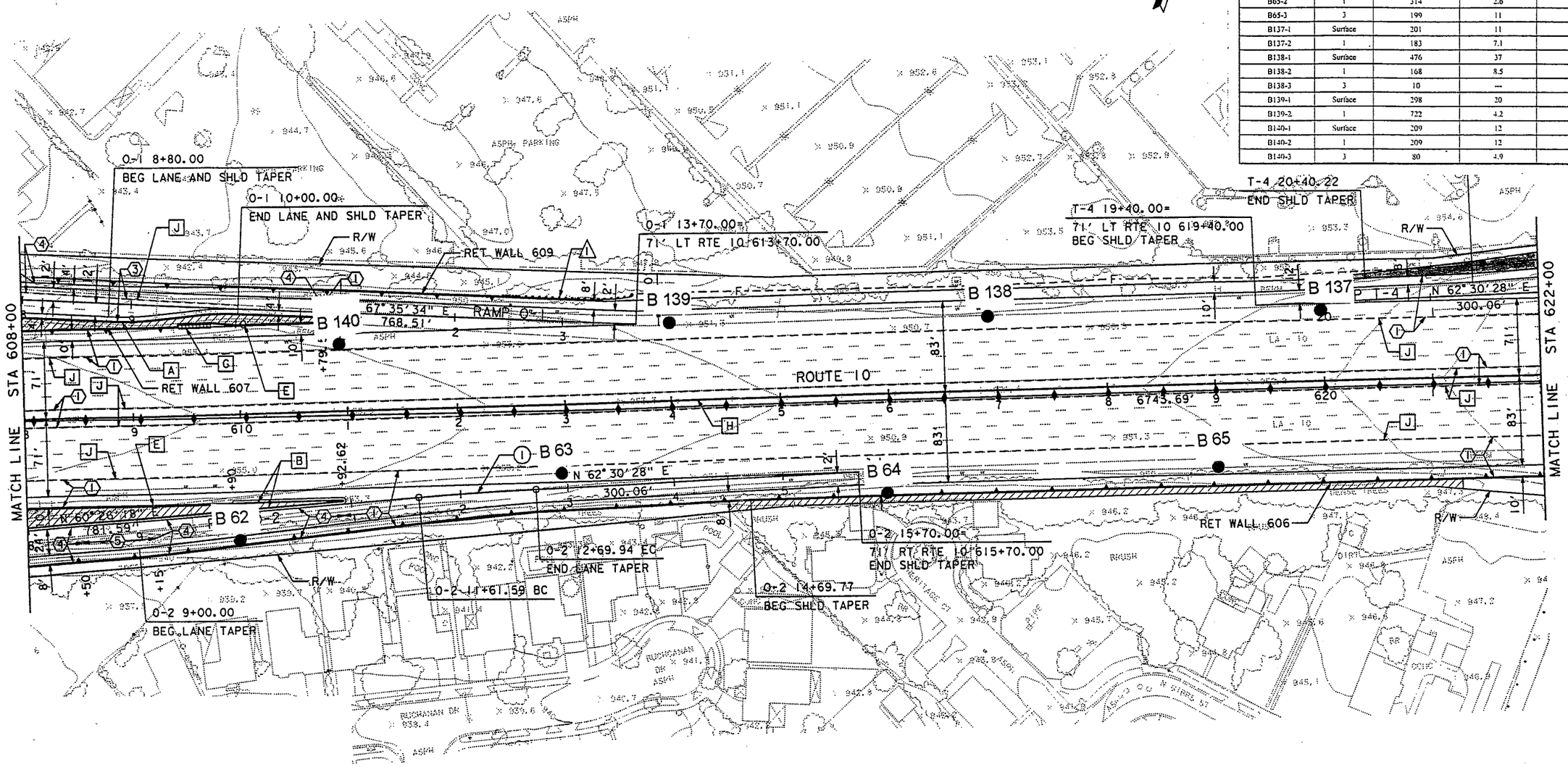
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

SCALE	DATE
1" = 100'	
PROJECT NO. 08730 - 06 - 76	FIGURE 15
SHEET OF	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
REFUGIO DOMINGUEZ
DESIGN OVERSIGHT
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED
DATE
m:\1942\sht\k240k14.dgn Thu Jul 30 10:21:47 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B62-1	Surface	2220	—	—
B62-2	1	130	6.1	ND
B62-3	2	37	—	—
B63-1	Surface	1310	—	—
B63-2	1	29	—	—
B64-1	Surface	3140	—	—
B64-2	1	125	5.9	ND
B64-3	3	12	—	—
B65-1	Surface	646	55	0.22
B65-2	1	314	2.6	—
B65-3	3	199	11	ND
B137-1	Surface	201	11	ND
B137-2	1	183	7.1	ND
B138-1	Surface	476	37	ND
B138-2	1	168	8.5	ND
B138-3	3	10	—	—
B139-1	Surface	298	20	ND
B139-2	1	722	4.2	—
B140-1	Surface	209	12	ND
B140-2	1	209	12	ND
B140-3	3	80	4.9	—



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

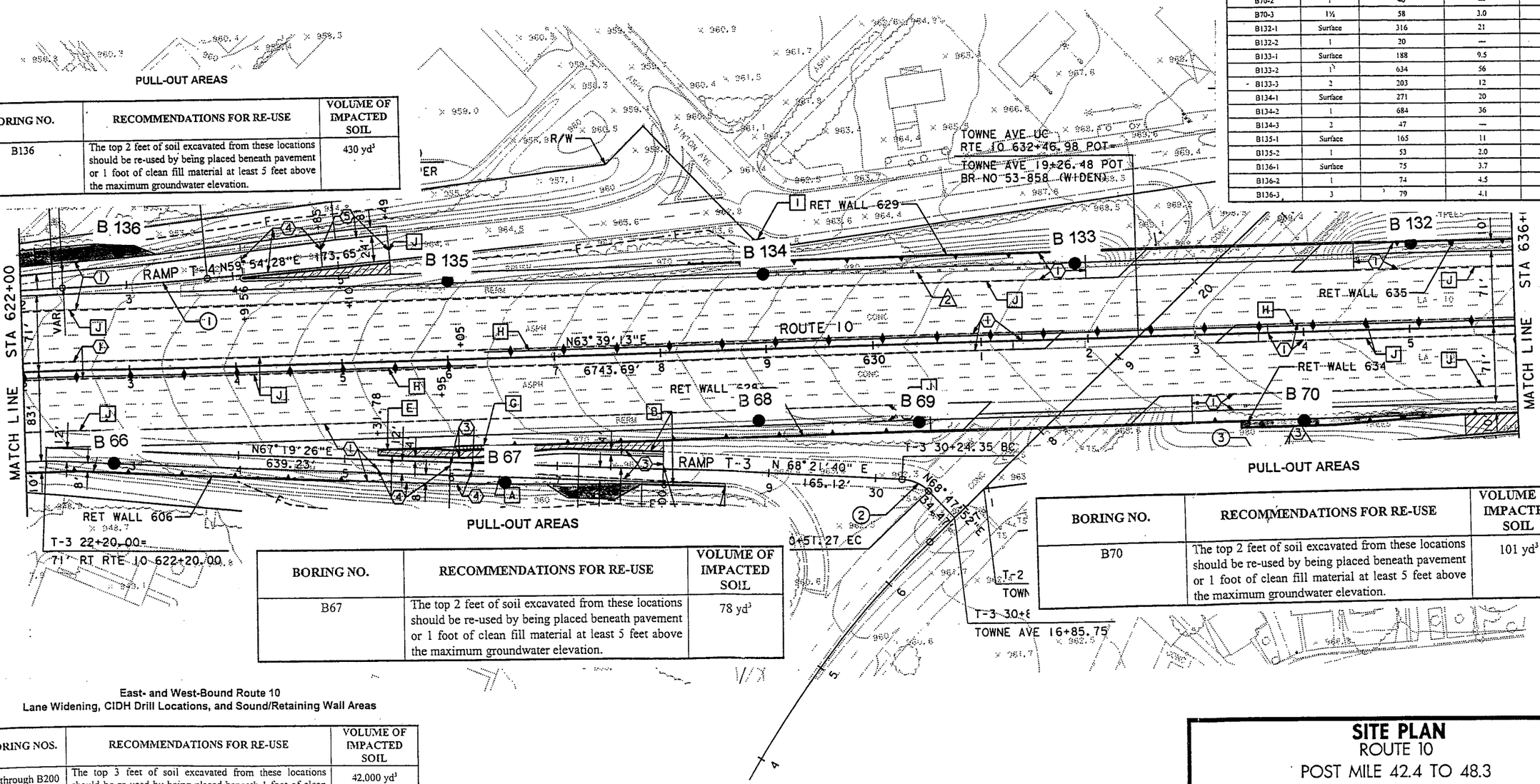
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | SHEET OF | FIGURE 16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B66-1	Surface	478	65	0.34
B66-2	1	388	25	0.21
B67-1	Surface	185	8.9	ND
B67-2	1	77	6.8	0.89
B67-3	2	19	—	—
B68-1	Surface	555	59	ND
B68-2	1	64	2.3	—
B68-3	3	48	—	—
B69-1	Surface	433	41	0.79
B69-2	1	45	—	—
B69-3	3	ND	—	—
B70-1	Surface	1420	—	—
B70-2	1	40	—	—
B70-3	1½	58	3.0	—
B132-1	Surface	316	21	ND
B132-2	1	20	—	—
B133-1	Surface	188	9.5	ND
B133-2	1	634	56	0.27
B133-3	2	203	12	ND
B134-1	Surface	271	20	ND
B134-2	1	684	36	ND
B134-3	2	47	—	—
B135-1	Surface	165	11	0.21
B135-2	1	53	2.0	—
B136-1	Surface	75	3.7	—
B136-2	1	74	4.5	—
B136-3	3	79	4.1	—



BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B136	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	430 yd³

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B67	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	78 yd³

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B70	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	101 yd³

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | SHEET OF | FIGURE 17

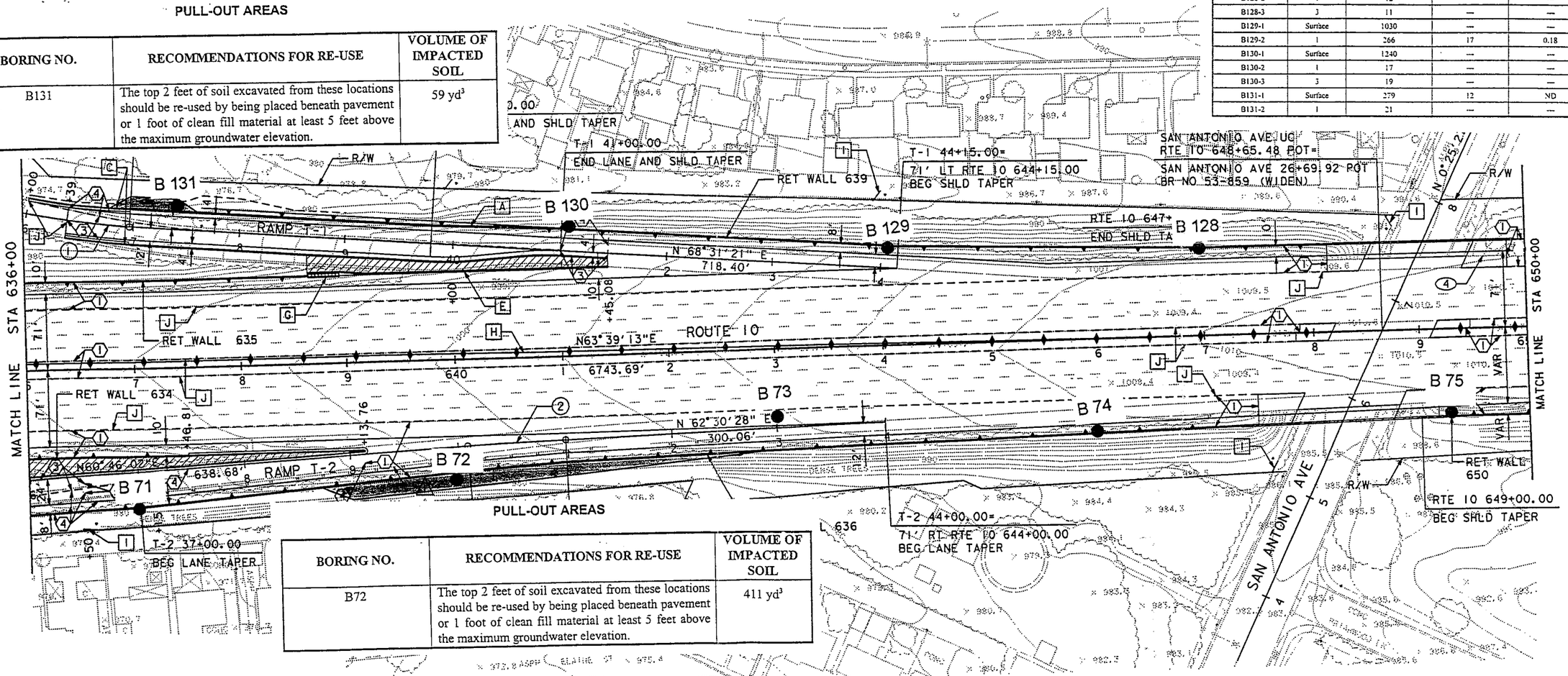
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B71-1	Surface	487	8.7	ND
B71-2	1	12	—	—
B72-1	Surface	867	78	—
B72-2	1	78	6.2	ND
B73-1	Surface	920	55	—
B73-2	1	655	60	0.56
B74-1	Surface	202	11	ND
B74-2	1	62	3.8	—
B75-1	Surface	651	71	0.45
B75-2	1	706	60	1.1
B75-3	3	281	18	ND
B128-1	Surface	132	8.2	ND
B128-2	1	12	—	—
B128-3	3	11	—	—
B129-1	Surface	1030	—	—
B129-2	1	266	17	0.18
B130-1	Surface	1240	—	—
B130-2	1	17	—	—
B130-3	3	19	—	—
B131-1	Surface	279	12	ND
B131-2	1	21	—	—

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B131	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	59 yd³



BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B72	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	411 yd³

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

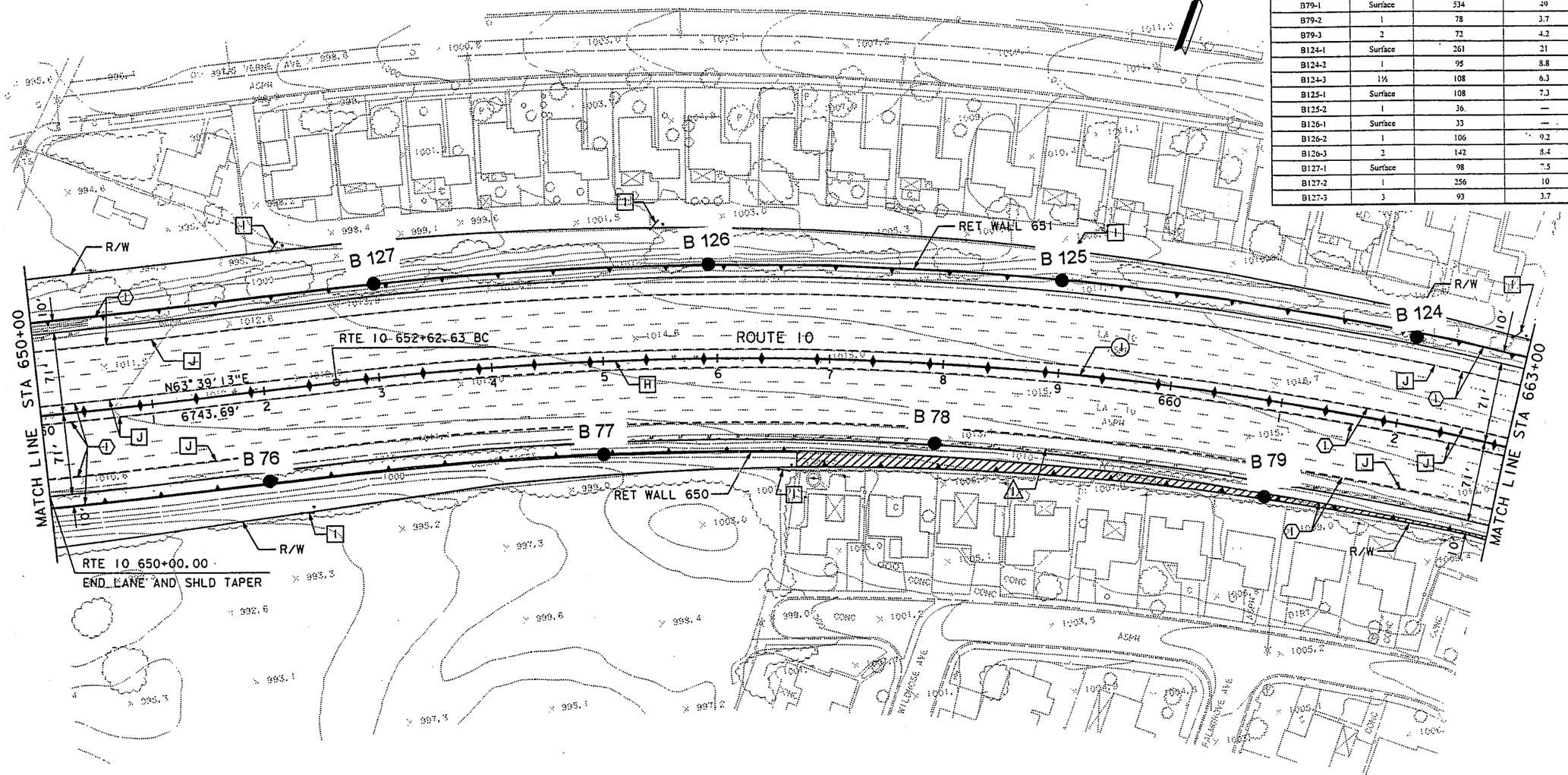
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6900 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | SHEET OF | FIGURE 18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B76-1	Surface	98	12	ND
B76-2	1	15	—	—
B77-1	Surface	152	9.0	ND
B77-2	1	40	—	—
B78-1	Surface	729	107	—
B78-2	1	93	8.2	ND
B79-1	Surface	534	49	ND
B79-2	1	78	3.7	—
B79-3	2	72	4.2	—
B124-1	Surface	261	21	0.63
B124-2	1	95	8.8	ND
B124-3	1½	108	6.3	ND
B125-1	Surface	108	7.3	ND
B125-2	1	36	—	—
B126-1	Surface	33	—	—
B126-2	1	106	9.2	ND
B126-3	2	142	8.4	ND
B127-1	Surface	98	7.5	ND
B127-2	1	256	10	ND
B127-3	3	93	3.7	—



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

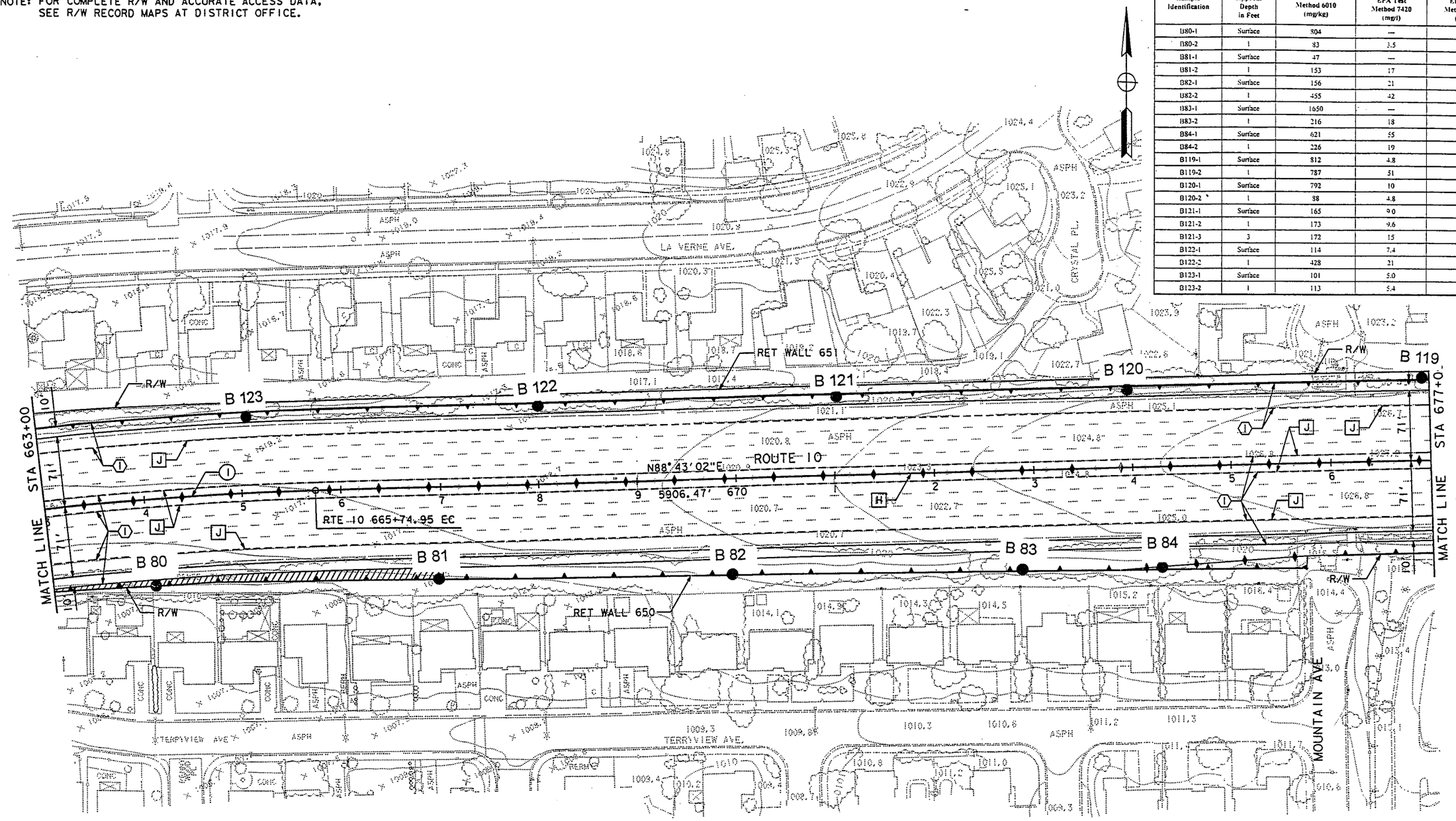
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-9437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 19 | SHEET OF

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
m:\1942\dtrs\240ie16.dgn Thu Jul 30 10:32:41 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B80-1	Surface	804	—	—
B80-2	1	83	3.5	—
B81-1	Surface	47	—	—
B81-2	1	153	17	ND
B82-1	Surface	156	21	ND
B82-2	1	455	42	0.66
B83-1	Surface	1650	—	—
B83-2	1	216	18	ND
B84-1	Surface	621	55	—
B84-2	1	226	19	ND
B119-1	Surface	812	4.8	—
B119-2	1	787	51	0.53
B120-1	Surface	792	10	ND
B120-2	1	88	4.8	—
B121-1	Surface	165	9.0	ND
B121-2	1	173	9.6	ND
B121-3	3	172	15	0.16
B122-1	Surface	114	7.4	ND
B122-2	1	428	21	0.17
B123-1	Surface	101	5.0	ND
B123-2	1	113	5.4	ND



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

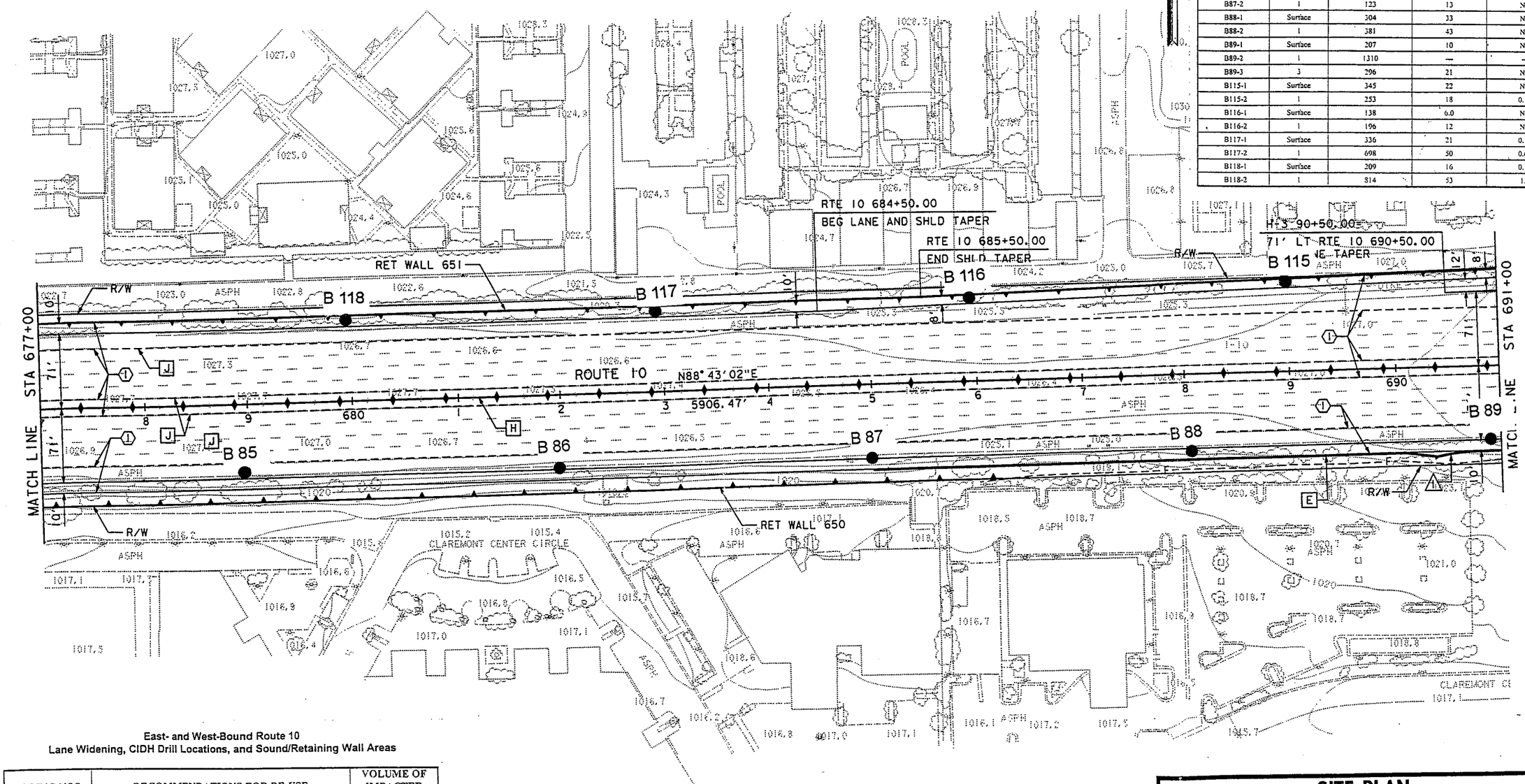
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE
PROJECT NO. 08730 - 06 - 76 | FIGURE 20
SHEET OF

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B85-1	Surface	235	12	ND
B85-2	1	87	—	—
B85-3	2	ND	—	—
B86-1	Surface	217	8.7	ND
B86-2	1	13	—	—
B86-3	1½	34	—	—
B87-1	Surface	85	9.6	ND
B87-2	1	123	13	ND
B88-1	Surface	304	33	ND
B88-2	1	381	43	ND
B89-1	Surface	207	10	ND
B89-2	1	1310	—	—
B89-3	3	296	21	ND
B115-1	Surface	345	22	ND
B115-2	1	253	18	0.18
B116-1	Surface	138	6.0	ND
B116-2	1	196	12	ND
B117-1	Surface	336	21	0.17
B117-2	1	698	50	0.68
B118-1	Surface	209	16	0.16
B118-2	1	814	53	1.0



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 21 | SHEET OF

DESIGN OVERSIGHT: REFUGIO DOMINGUEZ

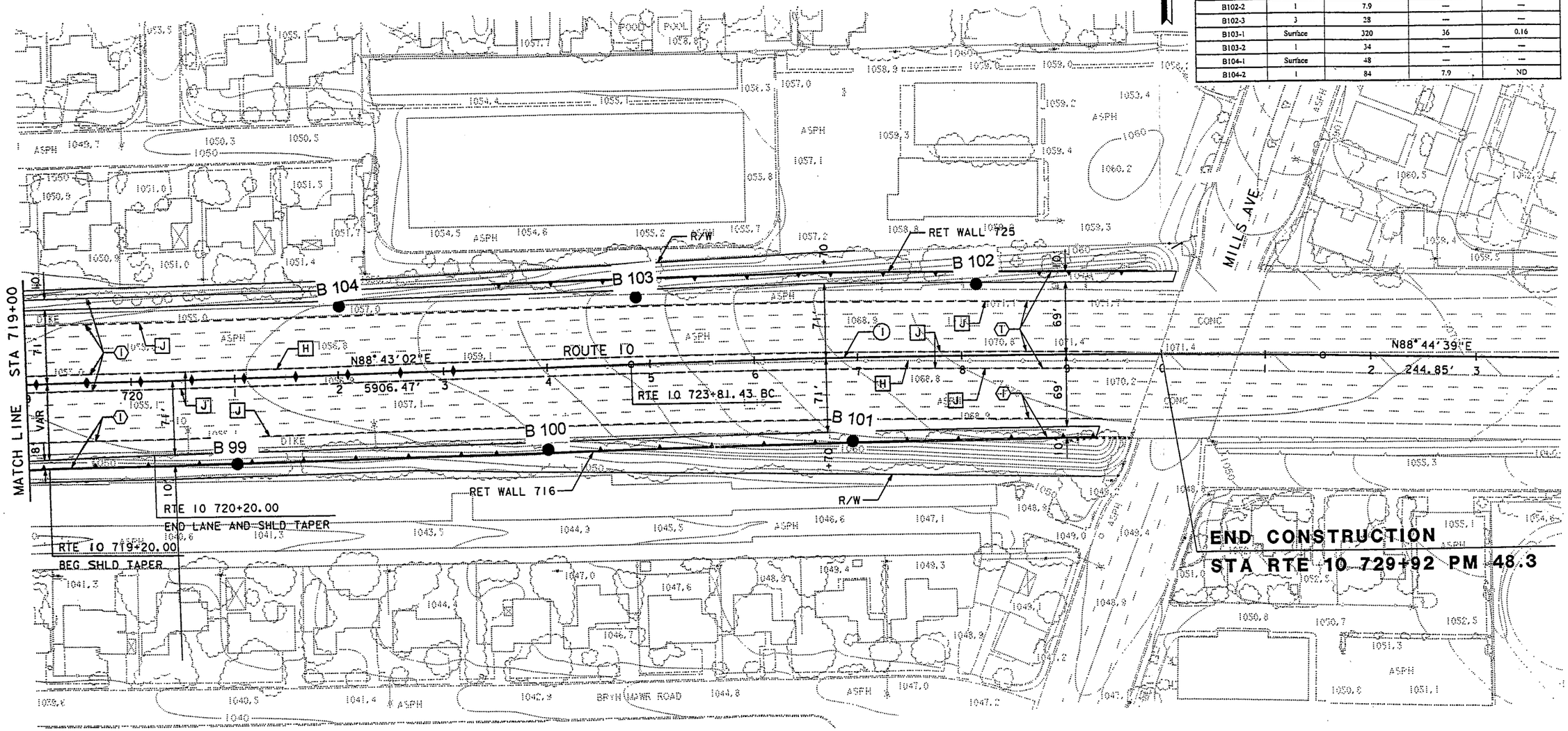
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

m:\1942\bhb\240b20.dgn Thu Jul 30 10:34:58 1998

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B99-1	Surface	161	13	ND
B99-2	1	236	17	ND
B99-3	3	67	7.6	—
B100-1	Surface	166	12	ND
B100-2	1	50	4.8	—
B100-3	1½	46	—	—
B101-1	Surface	142	12	ND
B101-2	1	84	3.3	—
B102-1	Surface	84	9.4	ND
B102-2	1	7.9	—	—
B102-3	3	28	—	—
B103-1	Surface	320	36	0.16
B103-2	1	34	—	—
B104-1	Surface	48	—	—
B104-2	1	84	7.9	ND



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 24 | SHEET OF

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

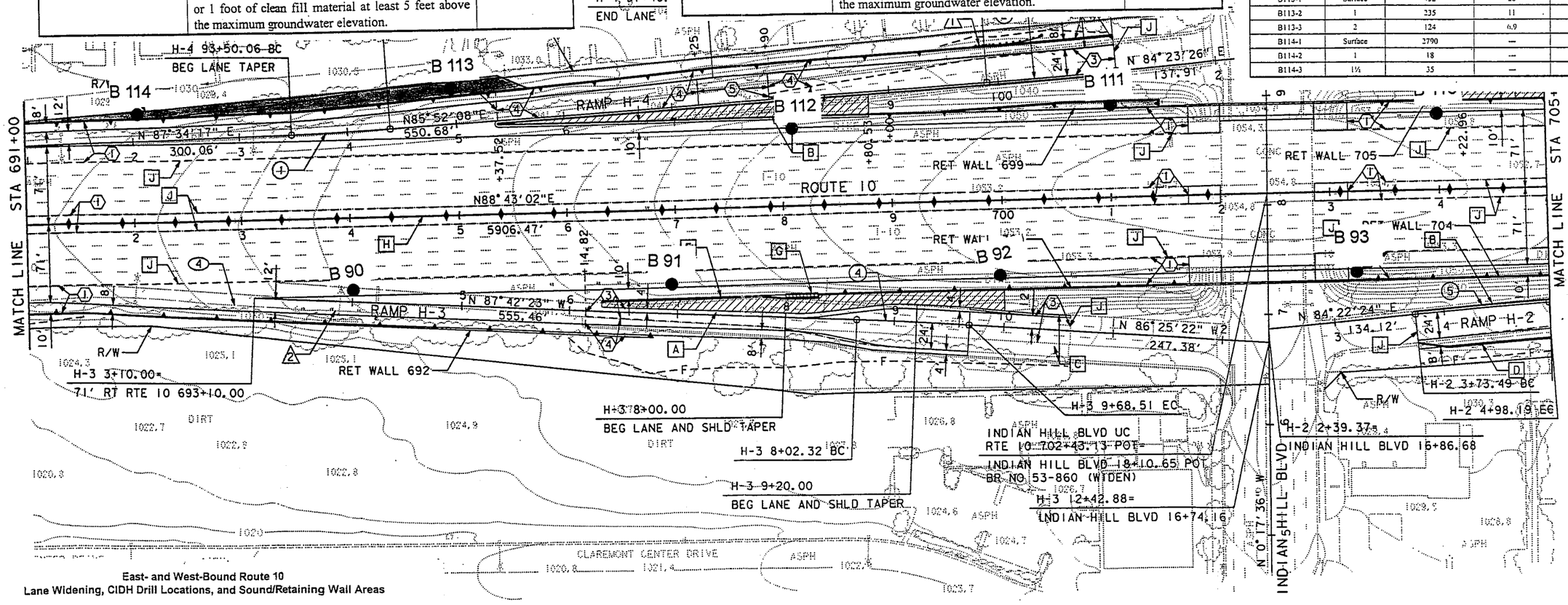
Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B90-1	Surface	523	37	0.36
B90-2	1	25	1.8	—
B90-3	1½	5.2	—	—
B91-1	Surface	150	9.1	ND
B91-2	1	246	20	ND
B91-3	2	44	—	—
B92-1	Surface	655	62	0.16
B92-2	1	1230	—	—
B92-3	2½	40	—	—
B93-1	Surface	1220	—	—
B93-2	1	1270	—	—
B93-3	3	181	13	ND
B110-1	Surface	169	16	ND
B110-2	1	258	27	ND
B110-3	3	60	5.3	ND
B111-1	Surface	536	43	ND
B111-2	1	928	71	ND
B111-3	3	377	35	ND
B112-1	Surface	429	34	0.44
B112-2	1	327	35	0.43
B113-1	Surface	452	28	ND
B113-2	1	235	11	ND
B113-3	2	124	6.9	ND
B114-1	Surface	2790	—	—
B114-2	1	18	—	—
B114-3	1½	35	—	—

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B113 & B114	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	511 yd³

PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B111	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	104 yd³



East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd³

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

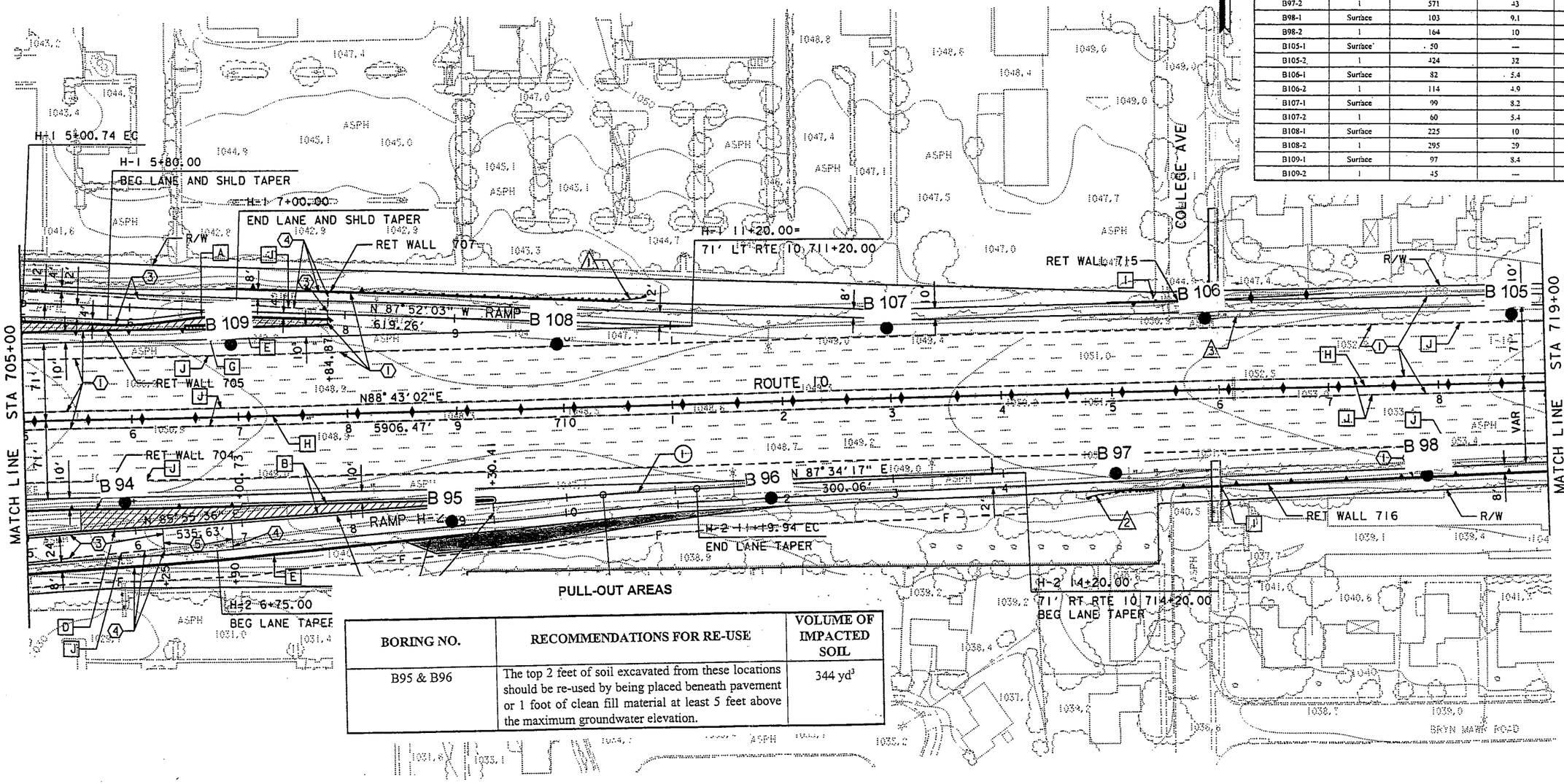
GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | FIGURE 22 | SHEET OF

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY
DATE | REVISED BY | DATE REVISED

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B94-1	Surface	415	40	ND
B94-2	1	381	20	ND
B94-3	1½	66	2.0	—
B95-1	Surface	198	12	ND
B95-2	1	183	8.3	ND
B96-1	Surface	2460	—	—
B96-2	1	747	52	0.84
B97-1	Surface	657	60	0.18
B97-2	1	571	43	0.34
B98-1	Surface	103	9.1	ND
B98-2	1	164	10	ND
B105-1	Surface	50	—	—
B105-2	1	424	32	ND
B106-1	Surface	82	5.4	ND
B106-2	1	114	4.9	—
B107-1	Surface	99	8.2	ND
B107-2	1	60	5.4	ND
B108-1	Surface	225	10	ND
B108-2	1	295	29	ND
B109-1	Surface	97	8.4	ND
B109-2	1	45	—	—



PULL-OUT AREAS

BORING NO.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B95 & B96	The top 2 feet of soil excavated from these locations should be re-used by being placed beneath pavement or 1 foot of clean fill material at least 5 feet above the maximum groundwater elevation.	344 yd^3

East- and West-Bound Route 10
Lane Widening, CIDH Drill Locations, and Sound/Retaining Wall Areas

BORING NOS.	RECOMMENDATIONS FOR RE-USE	VOLUME OF IMPACTED SOIL
B1 through B200	The top 3 feet of soil excavated from these locations should be re-used by being placed beneath 1 foot of clean fill material or pavement at least 5 feet above the maximum groundwater elevation.	42,000 yd^3

SITE PLAN
ROUTE 10
POST MILE 42.4 TO 48.3
POMONA, CALIFORNIA

GEOCON
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

SCALE 1" = 100' | DATE | PROJECT NO. 08730 - 06 - 76 | SHEET OF | FIGURE 23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

TABLE I
SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B1-1	Surface	159	9.1	0.24
B1-2	1	92	4.8	---
B1-3	2	39	---	---
B2-1	Surface	173	15	ND
B2-2	1	212	17	ND
B3-1	Surface	177	8.0	ND
B3-2	1	91	7.7	ND
B4-1	Surface	481	29	ND
B4-2	1	371	24	ND
B5-1	Surface	922	144	---
B5-2	1	18	---	---
B5-3	2	485	54	ND
B6-1	Surface	627	30	ND
B6-2	1	291	17	0.28
B6-3	3	ND	---	---
B7-1	Surface	42	---	---
B7-2	1	19	---	---
B7-3	2	14	---	---
B8-1	Surface	132	7.3	ND
B8-2	1	5.0	---	---
B8-3	2	ND	---	---
B9-1	Surface	75	5.7	ND
B9-2	1	48	---	---
B9-3	2½	18	---	---
B10-1	Surface	28	---	---
B10-2	1	28	---	---
B10-3	3	20	---	---
B11-1	Surface	65	5.9	ND
B11-2	1	33	---	---
B11-3	2	7.8	---	---
B12-1	Surface	64	6.3	ND
B12-2	1	10	---	---

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B12-3	3	7.4	---	---
B13-1	Surface	31	2.2	---
B13-2	1	31	---	---
B14-1	Surface	133	7.1	ND
B14-2	1	20	---	---
B14-3	3	37	---	---
B15-1	Surface	66	4.0	---
B15-2	1	29	---	---
B15-3	3	ND	---	---
B16-1	Surface	ND	---	---
B16-2	1	139	8.8	ND
B16-3	3	48	2.3	---
B17-1	Surface	426	28	ND
B17-2	1	196	15	0.17
B18-1	Surface	558	61	0.33
B18-2	1	943	81	---
B18-3	2	631	47	0.43
B19-1	Surface	156	16	0.15
B19-2	1	181	11	0.21
B20-1	Surface	426	24	0.24
B20-2	1	218	18	ND
B21-1	Surface	1500	---	---
B21-2	1	123	19	ND
B22-1	Surface	898	97	---
B22-2	1	83	---	---
B22-3	3	142	6.5	ND
B23-1	Surface	511	45	ND
B23-2	1	314	34	---
B24-1	Surface	1660	---	---
B24-2	1	242	5.7	0.20
B25-1	Surface	716	67	0.75
B25-2	1	312	20	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B25-3	3	385	34	ND
B26-1	Surface	1140	---	---
B26-2	1	499	43	1.0
B26-3	2	135	4.5	---
B27-1	Surface	394	40	0.25
B27-2	1	99	5.0	---
B27-3	3	7.4	---	---
B28-1	Surface	2120	---	---
B28-2	1	1470	---	---
B29-1	Surface	135	4.8	---
B29-2	1	31	2.0	---
B29-3	3	ND	---	---
B30-1	Surface	279	23	0.19
B30-2	1	893	80	0.44
B30-3	3	191	18	0.23
B31-1	Surface	600	53	0.29
B31-2	1	21	---	---
B32-1	Surface	1640	---	---
B32-2	1	13	---	---
B32-3	2	62	5.0	---
B33-1	Surface	468	20	0.25
B33-2	1	15	---	---
B33-3	3	6.3	---	---
B34-1	Surface	752	51	0.27
B34-2	1	39	1.8	---
B34-3	3	19	1.4	---
B35-1	Surface	533	48	0.58
B35-2	1	123	8.8	ND
B35-3	3	100	6.4	ND
B36-1	Surface	976	95	---
B36-2	1	241	20	ND
B36-3	1½	383	30	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B37-1	Surface	297	21	0.22
B37-2	1	54	2.0	---
B37-3	3	181	15	ND
B38-1	Surface	1220	---	---
B38-2	1	118	5.4	ND
B38-3	3	227	12	ND
B39-1	Surface	376	48	0.38
B39-2	1	151	9.0	ND
B39-3	3	150	25	ND
B40-1	Surface	376	48	0.29
B40-2	1	18	---	---
B40-3	3	ND	---	---
B41-1	Surface	1200	---	---
B41-2	1	91	6.4	ND
B41-3	3	310	8.2	ND
B42-1	Surface	405	50	0.24
B42-2	1	32	---	---
B42-3	3	60	5.9	ND
B43-1	Surface	510	46	0.16
B43-2	1	131	9.7	ND
B43-3	3	108	6.4	ND
B44-1	Surface	415	32	ND
B44-2	1	357	32	ND
B45-1	Surface	1580	---	---
B45-2	1	323	46	ND
B46-1	Surface	337	28	ND
B46-2	1	151	13	ND
B47-1	Surface	1810	---	---
B47-2	1	178	13	ND
B48-1	Surface	750	42	ND
B48-2	1	123	19	ND
B48-3	3	166	15	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B49-1	Surface	3060	---	---
B49-2	1	452	51	ND
B49-3	3	807	54	0.21
B50-1	Surface	3200	---	---
B50-2	1	804	91	---
B51-1	Surface	165	7.4	ND
B51-2	1	32	---	---
B51-3	3	41	---	---
B52-1	Surface	2130	---	---
B52-2	1	683	46	0.24
B53-1	Surface	308	12	ND
B53-2	1	52	5.5	---
B53-3	3	72	9.9	ND
B54-1	Surface	2190	---	---
B54-2	1	39	---	---
B54-3	3	24	---	---
B55-1	Surface	1150	126	0.46
B55-2	1	434	29	0.23
B55-3	3	65	4.9	---
B56-1	Surface	78	6.1	ND
B56-2	1	25	---	---
B57-1	Surface	195	9.4	ND
B57-2	1	50	5.2	ND
B57-3	2	41	---	---
B58-1	Surface	741	72	0.55
B58-2	1	99	14	ND
B58-3	2	248	16	ND
B59-1	Surface	833	87	0.31
B59-2	1	1340	---	---
B59-3	2	271	25	0.49
B60-1	Surface	200	16	ND
B60-2	1	512	66	0.22

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B61-1	Surface	594	52	ND
B61-2	1	328	24	0.26
B61-3	2	138	6.6	ND
B62-1	Surface	2220	---	---
B62-2	1	130	6.1	ND
B62-3	2	37	---	---
B63-1	Surface	1310	---	---
B63-2	1	29	---	---
B64-1	Surface	3140	---	---
B64-2	1	125	5.9	ND
B64-3	3	12	---	---
B65-1	Surface	646	55	0.22
B65-2	1	314	2.6	---
B65-3	3	199	11	ND
B66-1	Surface	878	65	0.34
B66-2	1	388	25	0.21
B67-1	Surface	185	8.9	ND
B67-2	1	77	6.8	0.89
B67-3	2	19	---	---
B68-1	Surface	555	59	ND
B68-2	1	64	2.3	---
B68-3	3	48	---	---
B69-1	Surface	433	41	0.79
B69-2	1	45	---	---
B69-3	3	ND	---	---
B70-1	Surface	1420	---	---
B70-2	1	40	---	---
B70-3	1½	58	3.0	---
B71-1	Surface	487	8.7	ND
B71-2	1	12	---	---
B72-1	Surface	867	78	---
B72-2	1	78	6.2	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B73-1	Surface	920	55	---
B73-2	1	655	60	0.56
B74-1	Surface	202	11	ND
B74-2	1	62	3.8	---
B75-1	Surface	651	71	0.45
B75-2	1	706	60	1.1
B75-3	3	281	18	ND
B76-1	Surface	98	12	ND
B76-2	1	15	---	---
B77-1	Surface	152	9.0	ND
B77-2	1	40	---	---
B78-1	Surface	729	107	---
B78-2	1	93	8.2	ND
B79-1	Surface	534	49	ND
B79-2	1	78	3.7	---
B79-3	2	72	4.2	---
B80-1	Surface	804	---	---
B80-2	1	83	3.5	---
B81-1	Surface	47	---	---
B81-2	1	153	17	ND
B82-1	Surface	156	21	ND
B82-2	1	455	42	0.66
B83-1	Surface	1650	---	---
B83-2	1	216	18	ND
B84-1	Surface	621	55	---
B84-2	1	226	19	ND
B85-1	Surface	235	12	ND
B85-2	1	87	---	---
B85-3	2	ND	---	---
B86-1	Surface	217	8.7	ND
B86-2	1	13	---	---
B86-3	1½	34	---	---

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B87-1	Surface	85	9.6	ND
B87-2	1	123	13	ND
B88-1	Surface	304	33	ND
B88-2	1	381	43	ND
B89-1	Surface	207	10	ND
B89-2	1	1310	---	---
B89-3	3	296	21	ND
B90-1	Surface	523	37	0.36
B90-2	1	25	1.8	---
B90-3	1½	5.2	---	---
B91-1	Surface	150	9.1	ND
B91-2	1	246	20	ND
B91-3	2	44	---	---
B92-1	Surface	655	62	0.16
B92-2	1	1230	---	---
B92-3	2½	40	---	---
B93-1	Surface	1220	---	---
B93-2	1	1270	---	---
B93-3	3	181	13	ND
B94-1	Surface	415	40	ND
B94-2	1	381	20	ND
B94-3	1½	66	2.0	---
B95-1	Surface	198	12	ND
B95-2	1	183	8.3	ND
B96-1	Surface	2460	---	---
B96-2	1	747	52	0.84
B97-1	Surface	657	60	0.18
B97-2	1	571	43	0.34
B98-1	Surface	103	9.1	ND
B98-2	1	164	10	ND
B99-1	Surface	161	13	ND
B99-2	1	236	17	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B99-3	3	67	7.6	---
B100-1	Surface	166	12	ND
B100-2	1	50	4.8	---
B100-3	1½	46	---	---
B101-1	Surface	142	12	ND
B101-2	1	84	3.3	---
B102-1	Surface	84	9.4	ND
B102-2	1	7.9	---	---
B102-3	3	28	---	---
B103-1	Surface	320	36	0.16
B103-2	1	34	---	---
B104-1	Surface	48	---	---
B104-2	1	84	7.9	ND
B105-1	Surface	50	---	---
B105-2	1	424	32	ND
B106-1	Surface	82	5.4	ND
B106-2	1	114	4.9	---
B107-1	Surface	99	8.2	ND
B107-2	1	60	5.4	ND
B108-1	Surface	225	10	ND
B108-2	1	295	29	ND
B109-1	Surface	97	8.4	ND
B109-2	1	45	---	---
B110-1	Surface	169	16	ND
B110-2	1	258	27	ND
B110-3	3	60	5.3	ND
B111-1	Surface	536	43	ND
B111-2	1	928	71	ND
B111-3	3	377	35	ND
B112-1	Surface	429	34	0.44
B112-2	1	327	35	0.43
B113-1	Surface	452	28	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B113-2	1	235	11	ND
B113-3	2	124	6.9	ND
B114-1	Surface	2790	---	---
B114-2	1	18	---	---
B114-3	1½	35	---	---
B115-1	Surface	345	22	ND
B115-2	1	253	18	0.18
B116-1	Surface	138	6.0	ND
B116-2	1	196	12	ND
B117-1	Surface	336	21	0.17
B117-2	1	698	50	0.68
B118-1	Surface	209	16	0.16
B118-2	1	814	53	1.0
B119-1	Surface	812	4.8	---
B119-2	1	787	51	0.53
B120-1	Surface	792	10	ND
B120-2	1	88	4.8	---
B121-1	Surface	165	9.0	ND
B121-2	1	173	9.6	ND
B121-3	3	172	15	0.16
B122-1	Surface	114	7.4	ND
B122-2	1	428	21	0.17
B123-1	Surface	101	5.0	ND
B123-2	1	113	5.4	ND
B124-1	Surface	261	21	0.63
B124-2	1	95	8.8	ND
B124-3	1½	108	6.3	ND
B125-1	Surface	108	7.3	ND
B125-2	1	36	---	---
B126-1	Surface	33	---	---
B126-2	1	106	9.2	ND
B126-3	2	142	8.4	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B127-1	Surface	98	7.5	ND
B127-2	1	256	10	ND
B127-3	3	93	3.7	---
B128-1	Surface	132	8.2	ND
B128-2	1	12	---	---
B128-3	3	11	---	---
B129-1	Surface	1030	---	---
B129-2	1	266	17	0.18
B130-1	Surface	1240	---	---
B130-2	1	17	---	---
B130-3	3	19	---	---
B131-1	Surface	279	12	ND
B131-2	1	21	---	---
B132-1	Surface	316	21	ND
B132-2	1	20	---	---
B133-1	Surface	188	9.5	ND
B133-2	1	634	56	0.27
B133-3	2	203	12	ND
B134-1	Surface	271	20	ND
B134-2	1	684	36	ND
B134-3	2	47	---	---
B135-1	Surface	165	11	0.21
B135-2	1	53	2.0	---
B136-1	Surface	75	3.7	---
B136-2	1	74	4.5	---
B136-3	3	79	4.1	---
B137-1	Surface	201	11	ND
B137-2	1	183	7.1	ND
B138-1	Surface	476	37	ND
B138-2	1	168	8.5	ND
B138-3	3	10	---	---
B139-1	Surface	298	20	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B139-2	1	722	4.2	---
B140-1	Surface	209	12	ND
B140-2	1	209	12	ND
B140-3	3	80	4.9	---
B141-1	Surface	178	16	ND
B141-2	1	978	82	0.33
B141-3	3	140	16	ND
B142-1	Surface	1000	---	---
B142-2	1	319	24	ND
B142-3	3	29	---	---
B143-1	Surface	178	8.3	ND
B143-2	1	308	20	0.52
B144-1	Surface	918	61	0.17
B144-2	1	246	17	0.45
B144-3	1½	239	15	0.30
B145-1	Surface	634	65	0.74
B145-2	1	170	15	ND
B146-1	Surface	1400	---	---
B146-2	1	93	5.8	ND
B146-3	2	29	---	---
B147-1	Surface	420	30	ND
B147-2	1	103	4.9	---
B147-3	1½	67	4.2	---
B148-1	Surface	151	17	ND
B148-2	1	23	---	---
B149-1	Surface	1500	---	---
B149-2	1	136	4.5	---
B149-3	1½	507	42	ND
B150-1	Surface	584	56	0.49
B150-2	1	35	3.9	---
B150-3	3	58	2.7	---
B151-1	Surface	825	77	0.46

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B151-2	1	135	15	0.31
B152-1	Surface	145	13	ND
B152-2	1	39	---	---
B153-1	Surface	62	4.8	---
B153-2	1	223	11	ND
B153-3	3	212	14	ND
B154-1	Surface	283	12	ND
B154-2	1	77	4.4	---
B154-3	3	46	---	---
B155-1	Surface	154	11	ND
B155-2	1	82	3.7	---
B156-1	Surface	437	31	ND
B156-2	1	230	21	ND
B157-1	Surface	1230	---	---
B157-2	1	101	6.3	ND
B158-1	Surface	1360	---	---
B158-2	1	328	41	0.23
B159-1	Surface	109	8.9	---
B159-2	1	110	7.0	ND
B160-1	Surface	1270	---	---
B160-2	1	762	61	0.15
B161-1	Surface	1110	---	---
B161-2	1	158	7.7	ND
B162-1	Surface	1540	---	---
B162-2	1	348	29	1.19
B162-3	3	107	8.4	ND
B163-1	Surface	53	3.2	---
B163-2	1	672	40	0.32
B163-3	3	156	12	ND
B164-1	Surface	1350	---	---
B164-2	1	84	6.2	ND
B165-1	Surface	283	26	ND

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B165-2	1	52	3.1	ND
B165-3	3	20	---	---
B166-1	Surface	586	34	ND
B166-2	1	14	---	---
B166-3	3	57	2.5	---
B167-1	Surface	231	15	ND
B167-2	1	22	---	---
B167-3	3	147	7.5	ND
B168-1	Surface	176	22	ND
B168-2	1	264	24	ND
B168-3	3	257	16	ND
B169-1	Surface	1510	---	---
B169-2	1	919	58	0.40
B170-1	Surface	763	68	0.34
B170-2	1	59	2.6	---
B171-1	Surface	15	---	---
B171-2	1	355	28	ND
B172-1	Surface	896	50	ND
B172-2	1	90	2.8	---
B173-1	Surface	290	36	0.17
B173-2	1	45	---	---
B174-1	Surface	491	37	0.29
B174-2	1	92	6.9	ND
B175-1	Surface	652	32	0.16
B175-2	1	160	7.4	ND
B175-3	2	7.9	---	---
B176-1	Surface	834	58	0.50
B176-2	1	91	3.8	---
B176-3	3	31	---	---
B177-1	Surface	863	43	0.16
B177-2	1	620	34	ND
B178-1	Surface	1210	---	---

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B178-2	1	963	58	0.28
B178-3	3	390	14	ND
B179-1	Surface	1570	---	---
B179-2	1	146	14	ND
B180-1	Surface	85	3.6	---
B180-2	1	ND	---	---
B181-1	Surface	27	---	---
B181-2	1	1330	---	---
B182-1	Surface	1170	---	---
B182-2	1	752	51	0.49
B183-1	Surface	119	8.3	0.15
B183-2	1	88	4.3	---
B184-1	Surface	81	3.0	---
B184-2	1	19	---	---
B185-1	Surface	79	4.4	---
B185-2	1	218	17	0.16
B186-1	Surface	142	8.7	ND
B186-2	1	23	---	---
B186-3	3	22	---	---
B187-1	Surface	64	2.2	---
B187-2	1	102	3.9	---
B187-3	3	33	---	---
B188-1	Surface	46	---	---
B188-2	1	57	2.6	---
B189-1	Surface	82	3.3	---
B189-2	1	24	---	---
B189-3	3	11	---	---
B190-1	Surface	69	3.8	---
B190-2	1	45	---	---
B190-3	2	10	---	---
B191-1	Surface	81	4.8	---
B191-2	1	41	---	---

TABLE I (continued)

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Approx. Depth in Feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead-WET EPA Test Method 7420 (mg/l)	Soluble Lead-WET-DI EPA Test Method 7420 (mg/l)
B192-1	Surface	435	28	0.18
B193-1	Surface	608	40	0.20
B193-2	1	1210	---	---
B194-1	Surface	1900	---	---
B195-1	Surface	906	26	0.45
B195-2	1	894	68	0.39
B196-1	Surface	873	87	0.35
B196-2	1	149	7.5	ND
B197-1	Surface	69	8.5	ND
B197-2	1	87	4.4	---
B198-1	Surface	720	44	0.26
B198-2	1	316	17	0.23
B199-1	Surface	68	2.7	---
B199-2	1	39	---	---
B200-1	Surface	52	6.2	ND
B200-2	1	63	3.4	ND

Note:

ND = below the laboratory detection limit
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
WET = Waste Extraction Test
WET-DI = WET with deionized water used as the extractant
--- = analysis not performed

APPENDIX A

APPENDIX A

GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED
STANDARD OPERATING PROCEDURE (SOP) NO. 11
HAND-AUGERING AND SOIL SAMPLE COLLECTION

Purpose

The purpose of this SOP is to outline procedures and methods to be used to advance hand-augers and collect soil samples for chemical analyses.

Hand-Augering and Soil Sample Collection Procedures

1. Initiate boring using a hand-held 3-inch diameter stainless steel auger.

2. Advance boring to initial sample depth of approximately 0 to ½ foot below the ground surface.

3. Transfer the soil sample from the hand-auger into a glass jar supplied by the laboratory.

4. Repeat the procedure and collect soil samples at subsequent depths as specified in the Task Order, if possible.

5. Backfill the borings to surface grade with soil cuttings generated.

6. Clean and rinse sampling equipment prior to the collection of each soil sample by washing the equipment with a trisodium phosphate solution followed by subsequent tap water and deionized water rinses.

APPENDIX A (continued)

GEOCON ENVIRONMENTAL CONSULTANTS INCORPORATED
STANDARD OPERATING PROCEDURE (SOP) NO. 31
SOIL SAMPLE HANDLING PROCEDURES

Purpose

The purpose of this SOP is to outline procedures and methods to be used to package and transport soil samples to an analytical laboratory.

Soil Sample Handling Procedures

1. Soil samples will be retrieved directly from the hand auger.

2. After extracting the sample from the auger, the soil sample will be placed in laboratory supplied glass jars with Teflon-lined lids.

3. Sample labels will be placed on the outside of the jar to indicate the boring number and from what depth the sample was obtained, the time the sample was obtained, and the date the sample was obtained.

4. Each prepared sample jar will be placed into a container for transport to Advanced Technology Laboratories.

APPENDIX B

Advanced Technology
Laboratories

August 18, 1998 ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76
Lab No.: 28301-001/148

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 92797 Long Beach, CA 90809-2797
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 10, 873-06-73
Date Received: 08/14/98
Date Sampled: 08/13/98
Date Digested: 09/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-001	B1-1	EPA 6010 (Lead)	09/16/98	159	Soil, mg/kg	5	5	LP
28301-002	B1-2	EPA 6010 (Lead)	09/16/98	92	Soil, mg/kg	5	5	LP
28301-003	B1-3	EPA 6010 (Lead)	09/16/98	39	Soil, mg/kg	5	5	LP
28301-004	B2-1	EPA 6010 (Lead)	09/16/98	173	Soil, mg/kg	5	5	LP
28301-005	B2-2B	EPA 6010 (Lead)	09/16/98	212	Soil, mg/kg	5	5	LP
28301-006	B3-1	EPA 6010 (Lead)	09/16/98	177	Soil, mg/kg	5	5	LP
28301-007	B4-1	EPA 6010 (Lead)	09/16/98	481	Soil, mg/kg	5	5	LP
28301-008	B4-2	EPA 6010 (Lead)	09/16/98	371	Soil, mg/kg	5	5	LP
28301-009	B5-1	EPA 6010 (Lead)	09/16/98	922	Soil, mg/kg	5	5	LP
28301-010	B5-2	EPA 6010 (Lead)	09/16/98	18	Soil, mg/kg	5	5	LP
28301-010D	B5-2	EPA 6010 (Lead)	09/16/98	155	Soil, mg/kg	5	5	LP
28301-011	B5-3	EPA 6010 (Lead)	09/16/98	485	Soil, mg/kg	5	5	LP
28301-012	B6-1	EPA 6010 (Lead)	09/16/98	627	Soil, mg/kg	5	5	LP
28301-013	B6-2	EPA 6010 (Lead)	09/16/98	291	Soil, mg/kg	5	5	LP
28301-014	B6-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP
28301-015	B7-1	EPA 6010 (Lead)	09/16/98	42	Soil, mg/kg	5	5	LP
28301-016	B7-2	EPA 6010 (Lead)	09/16/98	19	Soil, mg/kg	5	5	LP
28301-017	B7-3	EPA 6010 (Lead)	09/16/98	14	Soil, mg/kg	5	5	LP
28301-018	B8-1	EPA 6010 (Lead)	09/16/98	132	Soil, mg/kg	5	5	LP
28301-019	B8-2	EPA 6010 (Lead)	09/16/98	5.0	Soil, mg/kg	5	5	LP
28301-020	B8-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP
28301-020D	B8-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP
28301-021	B9-1	EPA 6010 (Lead)	09/16/98	75	Soil, mg/kg	5	5	LP
28301-022	B9-2	EPA 6010 (Lead)	09/16/98	48	Soil, mg/kg	5	5	LP
28301-023	B9-3	EPA 6010 (Lead)	09/16/98	18	Soil, mg/kg	5	5	LP
28301-024	B10-1	EPA 6010 (Lead)	09/16/98	28	Soil, mg/kg	5	5	LP
28301-025	B10-2	EPA 6010 (Lead)	09/16/98	28	Soil, mg/kg	5	5	LP
28301-026	B10-3	EPA 6010 (Lead)	09/16/98	20	Soil, mg/kg	5	5	LP
28301-027	B11-1	EPA 6010 (Lead)	09/16/98	65	Soil, mg/kg	5	5	LP
28301-028	B11-2	EPA 6010 (Lead)	09/16/98	33	Soil, mg/kg	5	5	LP
28301-029	B11-3	EPA 6010 (Lead)	09/16/98	7.8	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR) DF = Dilution Factor

Reviewed/Approved By: David J. Kern
Department Supervisor

Date: 9/18/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 10, 873-06-76
Date Received: 08/14/98
Date Sampled: 08/13/98
Date Digested: 09/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-030	B12-1	EPA 6010 (Lead)	09/16/98	64	Soil, mg/kg	5	5	LP
28301-030D	B12-1	EPA 6010 (Lead)	09/16/98	71	Soil, mg/kg	5	5	LP
28301-031	B12-2	EPA 6010 (Lead)	09/16/98	10	Soil, mg/kg	5	5	LP
28301-032	B12-3	EPA 6010 (Lead)	09/16/98	7.4	Soil, mg/kg	5	5	LP
28301-033	B13-1	EPA 6010 (Lead)	09/16/98	31	Soil, mg/kg	5	5	LP
28301-034	B13-2	EPA 6010 (Lead)	09/16/98	31	Soil, mg/kg	5	5	LP
28301-035	B14-1	EPA 6010 (Lead)	09/16/98	133	Soil, mg/kg	5	5	LP
28301-036	B14-2	EPA 6010 (Lead)	09/16/98	20	Soil, mg/kg	5	5	LP
28301-037	B14-3	EPA 6010 (Lead)	09/16/98	37	Soil, mg/kg	5	5	LP
28301-038	B15-1	EPA 6010 (Lead)	09/16/98	66	Soil, mg/kg	5	5	LP
28301-039	B15-2	EPA 6010 (Lead)	09/16/98	29	Soil, mg/kg	5	5	LP
28301-040	B15-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP
28301-040D	B15-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR) DF = Dilution Factor

Reviewed/Approved By: David J. Kern Date: 9/18/98

David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 10, 873-06-76
Date Received: 08/14/98
Date Sampled: 08/13/98
Date Digested: 09/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-041	B16-1	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	500	LP
28301-042	B16-2	EPA 6010 (Lead)	09/16/98	139	Soil, mg/kg	5	5	LP
28301-043	B16-3	EPA 6010 (Lead)	09/16/98	48	Soil, mg/kg	5	5	LP
28301-044	B19-1	EPA 6010 (Lead)	09/16/98	156	Soil, mg/kg	5	5	LP
28301-045	B19-2	EPA 6010 (Lead)	09/16/98	181	Soil, mg/kg	5	5	LP
28301-046	B18-1	EPA 6010 (Lead)	09/16/98	558	Soil, mg/kg	5	5	LP
28301-047	B18-2	EPA 6010 (Lead)	09/16/98	943	Soil, mg/kg	5	5	LP
28301-048	B18-3	EPA 6010 (Lead)	09/16/98	631	Soil, mg/kg	5	5	LP
28301-049	B17-1	EPA 6010 (Lead)	09/16/98	426	Soil, mg/kg	5	5	LP
28301-050	B17-2	EPA 6010 (Lead)	09/16/98	196	Soil, mg/kg	5	5	LP
28301-050D	B17-2	EPA 6010 (Lead)	09/16/98	185	Soil, mg/kg	5	5	LP
28301-051	B20-1	EPA 6010 (Lead)	09/16/98	426	Soil, mg/kg	5	5	LP
28301-052	B20-2	EPA 6010 (Lead)	09/16/98	218	Soil, mg/kg	5	5	LP
28301-053	B22-1	EPA 6010 (Lead)	09/16/98	898	Soil, mg/kg	5	5	LP
28301-054	B22-2	EPA 6010 (Lead)	09/16/98	83	Soil, mg/kg	5	5	LP
28301-055	B22-3	EPA 6010 (Lead)	09/16/98	142	Soil, mg/kg	5	5	LP
28301-056	B23-1	EPA 6010 (Lead)	09/16/98	511	Soil, mg/kg	5	5	LP
28301-057	B21-1	EPA 6010 (Lead)	09/16/98	1500	Soil, mg/kg	5	500	LP
28301-058	B21-2	EPA 6010 (Lead)	09/16/98	123	Soil, mg/kg	5	5	LP
28301-059	B23-2	EPA 6010 (Lead)	09/16/98	314	Soil, mg/kg	5	5	LP
28301-060	B25-1	EPA 6010 (Lead)	09/16/98	716	Soil, mg/kg	5	5	LP
28301-060D	B25-1	EPA 6010 (Lead)	09/16/98	673	Soil, mg/kg	5	5	LP
28301-061	B25-2	EPA 6010 (Lead)	09/16/98	312	Soil, mg/kg	5	5	LP
28301-062	B25-3	EPA 6010 (Lead)	09/16/98	385	Soil, mg/kg	5	5	LP
28301-063	B24-1	EPA 6010 (Lead)	09/16/98	1660	Soil, mg/kg	5	500	LP
28301-064	B24-2	EPA 6010 (Lead)	09/16/98	242	Soil, mg/kg	5	5	LP
28301-065	B26-1	EPA 6010 (Lead)	09/16/98	1140	Soil, mg/kg	5	500	LP
28301-066	B26-2	EPA 6010 (Lead)	09/16/98	499	Soil, mg/kg	5	5	LP
28301-067	B26-3	EPA 6010 (Lead)	09/16/98	135	Soil, mg/kg	5	5	LP
28301-068	B28-1	EPA 6010 (Lead)	09/16/98	2120	Soil, mg/kg	5	500	LP
28301-069	B28-2	EPA 6010 (Lead)	09/16/98	1470	Soil, mg/kg	5	500	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR) DF = Dilution Factor

Reviewed/Approved By: David J. Kern Date: 9/18/98

David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 10, 873-06-76
Date Received: 08/14/98
Date Sampled: 08/13/98-08/14/98
Date Digested: 09/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-070	B29-1	EPA 6010 (Lead)	09/16/98	135	Soil, mg/kg	5	5	LP
28301-070D	B29-1	EPA 6010 (Lead)	09/16/98	238	Soil, mg/kg	5	5	LP
28301-071	B29-2	EPA 6010 (Lead)	09/16/98	31	Soil, mg/kg	5	5	LP
28301-072	B27-1	EPA 6010 (Lead)	09/16/98	394	Soil, mg/kg	5	5	LP
28301-073	B27-2	EPA 6010 (Lead)	09/16/98	99	Soil, mg/kg	5	5	LP
28301-074	B27-3	EPA 6010 (Lead)	09/16/98	7.4	Soil, mg/kg	5	5	LP
28301-075	B29-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP
28301-076	B30-1	EPA 6010 (Lead)	09/16/98	279	Soil, mg/kg	5	5	LP
28301-077	B30-2	EPA 6010 (Lead)	09/16/98	893	Soil, mg/kg	5	5	LP
28301-078	B30-3	EPA 6010 (Lead)	09/16/98	191	Soil, mg/kg	5	5	LP
28301-079	B31-1	EPA 6010 (Lead)	09/16/98	600	Soil, mg/kg	5	5	LP
28301-080	B31-2	EPA 6010 (Lead)	09/16/98	21	Soil, mg/kg	5	5	LP
28301-080D	B31-2	EPA 6010 (Lead)	09/16/98	17	Soil, mg/kg	5	5	LP
28301-081	B32-1	EPA 6010 (Lead)	09/16/98	1640	Soil, mg/kg	5	500	LP
28301-082	B32-2	EPA 6010 (Lead)	09/16/98	13	Soil, mg/kg	5	5	LP
28301-083	B32-3	EPA 6010 (Lead)	09/16/98	62	Soil, mg/kg	5	5	LP
28301-084	B33-1	EPA 6010 (Lead)	09/16/98	468	Soil, mg/kg	5	5	LP
28301-085	B33-2	EPA 6010 (Lead)	09/16/98	15	Soil, mg/kg	5	5	LP
28301-086	B33-3	EPA 6010 (Lead)	09/16/98	6.3	Soil, mg/kg	5	5	LP
28301-087	B34-1	EPA 6010 (Lead)	09/16/98	752	Soil, mg/kg	5	5	LP
28301-088	B34-2	EPA 6010 (Lead)	09/16/98	39	Soil, mg/kg	5	5	LP
28301-089	B34-3	EPA 6010 (Lead)	09/16/98	19	Soil, mg/kg	5	5	LP
28301-090	B35-1	EPA 6010 (Lead)	09/16/98	533	Soil, mg/kg	5	5	LP
28301-090D	B35-1	EPA 6010 (Lead)	09/16/98	518	Soil, mg/kg	5	5	LP
28301-091	B35-2	EPA 6010 (Lead)	09/16/98	123	Soil, mg/kg	5	5	LP
28301-092	B35-3	EPA 6010 (Lead)	09/16/98	100	Soil, mg/kg	5	5	LP
28301-094	B36-1	EPA 6010 (Lead)	09/16/98	976	Soil, mg/kg	5	5	LP
28301-095	B36-2	EPA 6010 (Lead)	09/16/98	241	Soil, mg/kg	5	5	LP
28301-096	B36-3	EPA 6010 (Lead)	09/16/98	383	Soil, mg/kg	5	5	LP
28301-097	B37-1	EPA 6010 (Lead)	09/16/98	297	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR) DF = Dilution Factor

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/18/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 10, 873-06-76
Date Received: 08/14/98
Date Sampled: 08/14/98
Date Digested: 09/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-098	B37-2	EPA 6010 (Lead)	09/16/98	54	Soil, mg/kg	5	5	LP
28301-099	B37-3	EPA 6010 (Lead)	09/16/98	181	Soil, mg/kg	5	5	LP
28301-100	B38-1	EPA 6010 (Lead)	09/16/98	1220	Soil, mg/kg	5	500	LP
28301-100D	B38-1	EPA 6010 (Lead)	09/16/98	1270	Soil, mg/kg	5	500	LP
28301-101	B38-2	EPA 6010 (Lead)	09/16/98	118	Soil, mg/kg	5	5	LP
28301-102	B38-3	EPA 6010 (Lead)	09/16/98	227	Soil, mg/kg	5	5	LP
28301-103	B39-1	EPA 6010 (Lead)	09/16/98	376	Soil, mg/kg	5	5	LP
28301-104	B39-2	EPA 6010 (Lead)	09/16/98	151	Soil, mg/kg	5	5	LP
28301-105	B39-3	EPA 6010 (Lead)	09/16/98	150	Soil, mg/kg	5	5	LP
28301-106	B40-1	EPA 6010 (Lead)	09/16/98	376	Soil, mg/kg	5	5	LP
28301-107	B40-2	EPA 6010 (Lead)	09/16/98	18	Soil, mg/kg	5	5	LP
28301-108	B40-3	EPA 6010 (Lead)	09/16/98	ND	Soil, mg/kg	5	5	LP
28301-109	B41-1	EPA 6010 (Lead)	09/16/98	1200	Soil, mg/kg	5	500	LP
28301-110	B41-2	EPA 6010 (Lead)	09/16/98	91	Soil, mg/kg	5	5	LP
28301-110D	B41-2	EPA 6010 (Lead)	09/16/98	99	Soil, mg/kg	5	5	LP
28301-111	B41-3	EPA 6010 (Lead)	09/16/98	310	Soil, mg/kg	5	5	LP
28301-112	B42-1	EPA 6010 (Lead)	09/16/98	405	Soil, mg/kg	5	5	LP
28301-113	B42-2	EPA 6010 (Lead)	09/16/98	32	Soil, mg/kg	5	5	LP
28301-114	B42-3	EPA 6010 (Lead)	09/16/98	60	Soil, mg/kg	5	5	LP
28301-115	B43-1	EPA 6010 (Lead)	09/16/98	510	Soil, mg/kg	5	5	LP
28301-116	B43-2	EPA 6010 (Lead)	09/16/98	131	Soil, mg/kg	5	5	LP
28301-117	B43-3	EPA 6010 (Lead)	09/16/98	108	Soil, mg/kg	5	5	LP
28301-118	B44-1	EPA 6010 (Lead)	09/16/98	415	Soil, mg/kg	5	5	LP
28301-119	B44-2	EPA 6010 (Lead)	09/16/98	357	Soil, mg/kg	5	5	LP
28301-120	B45-1	EPA 6010 (Lead)	09/16/98	1580	Soil, mg/kg	5	500	LP
28301-120D	B45-1	EPA 6010 (Lead)	09/16/98	1430	Soil, mg/kg	5	500	LP
28301-121	B45-2	EPA 6010 (Lead)	09/16/98	323	Soil, mg/kg	5	5	LP
28301-122	B46-1	EPA 6010 (Lead)	09/16/98	337	Soil, mg/kg	5	5	LP
28301-123	B46-2	EPA 6010 (Lead)	09/16/98	151	Soil, mg/kg	5	5	LP
28301-124	B47-1	EPA 6010 (Lead)	09/16/98	1810	Soil, mg/kg	5	500	LP
28301-125	B47-2	EPA 6010 (Lead)	09/16/98	178	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR) DF = Dilution Factor

Reviewed/Approved By: David J. Kern Date: 9/18/98

David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte. 10, 873-06-76
Date Received: 08/14/98
Date Sampled: 08/14/98
Date Digested: 09/14/98
Digestion Method: 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-126	B48-1	EPA 6010 (Lead)	09/16/98	750	Soil, mg/kg	5	500	LP
28301-127	B48-2	EPA 6010 (Lead)	09/16/98	123	Soil, mg/kg	5	5	LP
28301-128	B48-3	EPA 6010 (Lead)	09/16/98	166	Soil, mg/kg	5	5	LP
28301-129	B50-1	EPA 6010 (Lead)	09/16/98	3200	Soil, mg/kg	5	500	LP
28301-130	B50-2	EPA 6010 (Lead)	09/16/98	804	Soil, mg/kg	5	5	LP
28301-130D	B50-2	EPA 6010 (Lead)	09/16/98	1060	Soil, mg/kg	5	500	LP
28301-131	B49-1	EPA 6010 (Lead)	09/16/98	3060	Soil, mg/kg	5	500	LP
28301-132	B49-2	EPA 6010 (Lead)	09/16/98	452	Soil, mg/kg	5	5	LP
28301-133	B49-3	EPA 6010 (Lead)	09/16/98	807	Soil, mg/kg	5	5	LP
28301-134	B51-1	EPA 6010 (Lead)	09/16/98	165	Soil, mg/kg	5	5	LP
28301-135	B51-2	EPA 6010 (Lead)	09/16/98	32	Soil, mg/kg	5	5	LP
28301-136	B51-3	EPA 6010 (Lead)	09/16/98	41	Soil, mg/kg	5	5	LP
28301-137	B52-1	EPA 6010 (Lead)	09/16/98	2130	Soil, mg/kg	5	500	LP
28301-138	B52-2	EPA 6010 (Lead)	09/16/98	683	Soil, mg/kg	5	5	LP
28301-139	B53-1	EPA 6010 (Lead)	09/16/98	308	Soil, mg/kg	5	5	LP
28301-140	B53-2	EPA 6010 (Lead)	09/16/98	52	Soil, mg/kg	5	5	LP
28301-140D	B53-2	EPA 6010 (Lead)	09/16/98	46	Soil, mg/kg	5	5	LP
28301-141	B53-3	EPA 6010 (Lead)	09/16/98	72	Soil, mg/kg	5	5	LP
28301-142	B55-1	EPA 6010 (Lead)	09/16/98	1150	Soil, mg/kg	5	500	LP
28301-143	B55-2	EPA 6010 (Lead)	09/16/98	434	Soil, mg/kg	5	5	LP
28301-144	B55-3	EPA 6010 (Lead)	09/16/98	65	Soil, mg/kg	5	5	LP
28301-145	B54-1	EPA 6010 (Lead)	09/16/98	2190	Soil, mg/kg	5	500	LP
28301-146	B54-2	EPA 6010 (Lead)	09/16/98	39	Soil, mg/kg	5	5	LP
28301-147	B54-3	EPA 6010 (Lead)	09/16/98	24	Soil, mg/kg	5	5	LP
28301-148	B3-2	EPA 6010 (Lead)	09/16/98	91	Soil, mg/kg	5	5	LP
28301-148D	B3-2	EPA 6010 (Lead)	09/16/98	99	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit ND = Not Detected (Below DLR) DF = Dilution Factor

Reviewed/Approved By: David J. Kern Date: 9/18/98

David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-001	B1-1	EPA 7420 (Lead)	08/21/98	9.1	STLC Extract, mg/L	0.20	0.20	DJ
28301-002	B1-2	EPA 7420 (Lead)	08/21/98	4.8	STLC Extract, mg/L	0.20	0.20	DJ
28301-004	B2-1	EPA 7420 (Lead)	08/21/98	15	STLC Extract, mg/L	0.20	0.50	DJ
28301-005	B2-2	EPA 7420 (Lead)	08/21/98	17	STLC Extract, mg/L	0.20	0.30	DJ
28301-006	B3-1	EPA 7420 (Lead)	08/21/98	8.0	STLC Extract, mg/L	0.20	0.30	DJ
28301-007	B4-1	EPA 7420 (Lead)	08/21/98	29	STLC Extract, mg/L	0.20	0.80	DJ
28301-008	B4-2	EPA 7420 (Lead)	08/21/98	24	STLC Extract, mg/L	0.20	0.60	DJ
28301-011	B5-3	EPA 7420 (Lead)	08/21/98	54	STLC Extract, mg/L	0.20	1.0	DJ
28301-012	B6-1	EPA 7420 (Lead)	08/21/98	30	STLC Extract, mg/L	0.20	0.80	DJ
28301-013	B6-2	EPA 7420 (Lead)	08/21/98	17	STLC Extract, mg/L	0.20	0.50	DJ
28301-013D	B6-2	EPA 7420 (Lead)	08/21/98	18	STLC Extract, mg/L	0.20	0.50	DJ
28301-018	B8-1	EPA 7420 (Lead)	08/21/98	7.3	STLC Extract, mg/L	0.20	0.20	DJ
28301-021	B9-1	EPA 7420 (Lead)	08/21/98	5.7	STLC Extract, mg/L	0.20	0.20	DJ
28301-027	B11-1	EPA 7420 (Lead)	08/21/98	5.9	STLC Extract, mg/L	0.20	0.20	DJ
28301-030	B12-1	EPA 7420 (Lead)	09/08/98	6.3*	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Extracted: 09/06/98

Reviewed/Approved By: DJK for Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-033	B13-1	EPA 7420 (Lead)	08/21/98	2.2	STLC Extract, mg/L	0.20	0.20	DJ
28301-035	B14-1	EPA 7420 (Lead)	08/21/98	7.1	STLC Extract, mg/L	0.20	0.20	DJ
28301-038	B15-1	EPA 7420 (Lead)	08/21/98	4.0	STLC Extract, mg/L	0.20	0.20	DJ
28301-038D	B15-1	EPA 7420 (Lead)	08/21/98	4.4	STLC Extract, mg/L	0.20	0.20	DJ
28301-042	B16-2	EPA 7420 (Lead)	08/21/98	8.8	STLC Extract, mg/L	0.20	0.20	DJ
28301-043	B16-3	EPA 7420 (Lead)	08/21/98	2.3	STLC Extract, mg/L	0.20	0.20	DJ
28301-044	B19-1	EPA 7420 (Lead)	08/21/98	16	STLC Extract, mg/L	0.20	0.45	DJ
28301-045	B19-2	EPA 7420 (Lead)	08/21/98	11	STLC Extract, mg/L	0.20	0.30	DJ
28301-048	B18-3	EPA 7420 (Lead)	08/21/98	47	STLC Extract, mg/L	0.20	1.1	DJ
28301-050	B17-2	EPA 7420 (Lead)	08/21/98	15	STLC Extract, mg/L	0.20	0.30	DJ
28301-051	B20-1	EPA 7420 (Lead)	08/21/98	24	STLC Extract, mg/L	0.20	0.60	DJ
28301-051D	B20-1	EPA 7420 (Lead)	08/21/98	24	STLC Extract, mg/L	0.20	0.60	DJ
28301-052	B20-2	EPA 7420 (Lead)	08/21/98	18	STLC Extract, mg/L	0.20	0.30	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended; 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-055	B22-3	EPA 7420 (Lead)	08/21/98	6.5	STLC Extract, mg/L	0.20	0.20	DJ
28301-056	B23-1	EPA 7420 (Lead)	08/21/98	45	STLC Extract, mg/L	0.20	0.90	DJ
28301-058	B21-2	EPA 7420 (Lead)	08/21/98	19	STLC Extract, mg/L	0.20	0.90	DJ
28301-059	B23-2	EPA 7420 (Lead)	08/21/98	34	STLC Extract, mg/L	0.20	0.90	DJ
28301-060	B25-1	EPA 7420 (Lead)	08/21/98	67	STLC Extract, mg/L	0.20	2.00	DJ
28301-061	B25-2	EPA 7420 (Lead)	08/21/98	20	STLC Extract, mg/L	0.20	0.60	DJ
28301-062	B25-3	EPA 7420 (Lead)	08/21/98	34	STLC Extract, mg/L	0.20	0.80	DJ
28301-064	B24-2	EPA 7420 (Lead)	08/21/98	4.7	STLC Extract, mg/L	0.20	0.20	DJ
28301-066	B26-2	EPA 7420 (Lead)	08/21/98	43	STLC Extract, mg/L	0.20	0.90	DJ
28301-066D	B26-2	EPA 7420 (Lead)	08/21/98	39	STLC Extract, mg/L	0.20	0.90	DJ
28301-067	B26-3	EPA 7420 (Lead)	08/21/98	4.5	STLC Extract, mg/L	0.20	0.20	DJ
28301-070	B29-1	EPA 7420 (Lead)	08/21/98	4.8	STLC Extract, mg/L	0.20	0.20	DJ
28301-071	B29-2	EPA 7420 (Lead)	08/21/98	2.0	STLC Extract, mg/L	0.20	0.20	DJ
28301-072	B27-1	EPA 7420 (Lead)	08/21/98	40	STLC Extract, mg/L	0.20	0.90	DJ
28301-073	B27-2	EPA 7420 (Lead)	08/21/98	5.0	STLC Extract, mg/L	0.20	0.20	DJ
28301-076	B30-1	EPA 7420 (Lead)	08/21/98	23	STLC Extract, mg/L	0.20	0.50	DJ
28301-077	B30-2	EPA 7420 (Lead)	08/21/98	80	STLC Extract, mg/L	0.20	2.00	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-078	B30-3	EPA 7420 (Lead)	08/21/98	18	STLC Extract, mg/L	0.20	0.50	DJ
28301-079	B31-1	EPA 7420 (Lead)	08/21/98	53	STLC Extract, mg/L	0.20	2.0	DJ
28301-083	B32-3	EPA 7420 (Lead)	08/21/98	5.0	STLC Extract, mg/L	0.20	0.20	DJ
28301-083D	B32-3	EPA 7420 (Lead)	08/21/98	2.5	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern Date: 8/21/98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

October 8, 1998

ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joel Kloth
SUBJECT: AMENDED REPORT

Client's Project: Rte 10, S8730-06-76
Lab No.: 28301-001/148

Gentlemen:

This report contains an amended result for sample 28301-085. The following result was amended for:

The sample was unnecessarily analyzed for STLC WET Lead. Results were removed from the report.

Please disregard all previous documentation that corresponds to the pages(s) enclosed.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/lb

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 92797 Long Beach, CA 90809-2797
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13-14/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 10/08/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-046	B18-1	EPA 7420 (Lead)	08/24/98	61	STLC Extract, mg/L	0.20	0.80	DJ
28301-049	B17-1	EPA 7420 (Lead)	08/24/98	28	STLC Extract, mg/L	0.20	0.80	DJ
28301-084	B33-1	EPA 7420 (Lead)	08/24/98	20	STLC Extract, mg/L	0.20	0.80	DJ
28301-087	B34-1	EPA 7420 (Lead)	08/24/98	51	STLC Extract, mg/L	0.20	2.00	DJ
28301-088	B34-2	EPA 7420 (Lead)	08/24/98	1.8	STLC Extract, mg/L	0.20	0.20	DJ
28301-089	B34-3	EPA 7420 (Lead)	08/24/98	1.4	STLC Extract, mg/L	0.20	0.20	DJ
28301-090	B35-1	EPA 7420 (Lead)	08/24/98	48	STLC Extract, mg/L	0.20	2.00	DJ
28301-091	B35-2	EPA 7420 (Lead)	08/24/98	8.8	STLC Extract, mg/L	0.20	0.20	DJ
28301-092	B35-3	EPA 7420 (Lead)	08/24/98	6.4	STLC Extract, mg/L	0.20	0.20	DJ
28301-095	B36-2	EPA 7420 (Lead)	08/24/98	20	STLC Extract, mg/L	0.20	0.30	DJ
28301-096	B36-3	EPA 7420 (Lead)	08/24/98	30	STLC Extract, mg/L	0.20	0.80	DJ
28301-096D	B36-3	EPA 7420 (Lead)	08/24/98	31	STLC Extract, mg/L	0.20	0.80	DJ
28301-097	B37-1	EPA 7420 (Lead)	08/24/98	21	STLC Extract, mg/L	0.20	0.30	DJ
28301-098	B37-2	EPA 7420 (Lead)	08/24/98	2.0	STLC Extract, mg/L	0.20	0.20	DJ
28301-099	B37-3	EPA 7420 (Lead)	08/24/98	15	STLC Extract, mg/L	0.20	0.30	DJ
28301-101	B38-2	EPA 7420 (Lead)	08/24/98	5.4	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 10/8/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/14/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix Units	MDL	DLR	Analyst
28301-102	B38-3	EPA 7420 (Lead)	08/24/98	12	STLC Extract, mg/L	0.20	0.30	DJ
28301-103	B39-1	EPA 7420 (Lead)	08/24/98	48	STLC Extract, mg/L	0.20	2.0	DJ
28301-104	B39-2	EPA 7420 (Lead)	08/24/98	9.0	STLC Extract, mg/L	0.20	0.15	DJ
28301-105	B39-3	EPA 7420 (Lead)	08/24/98	25	STLC Extract, mg/L	0.20	0.50	DJ
28301-106	B40-1	EPA 7420 (Lead)	08/24/98	48	STLC Extract, mg/L	0.20	2.0	DJ
28301-110	B41-2	EPA 7420 (Lead)	08/24/98	6.4	STLC Extract, mg/L	0.20	0.20	DJ
28301-111	B41-3	EPA 7420 (Lead)	08/24/98	8.2	STLC Extract, mg/L	0.20	0.30	DJ
28301-112	B42-1	EPA 7420 (Lead)	08/24/98	50	STLC Extract, mg/L	0.20	2.0	DJ
28301-114	B42-3	EPA 7420 (Lead)	08/24/98	5.9	STLC Extract, mg/L	0.20	0.15	DJ
28301-115	B43-1	EPA 7420 (Lead)	08/24/98	46	STLC Extract, mg/L	0.20	2.0	DJ
28301-116	B43-2	EPA 7420 (Lead)	08/24/98	9.7	STLC Extract, mg/L	0.20	0.15	DJ
28301-117	B43-3	EPA 7420 (Lead)	08/24/98	6.4	STLC Extract, mg/L	0.20	0.15	DJ
28301-118	B44-1	EPA 7420 (Lead)	08/24/98	32	STLC Extract, mg/L	0.20	0.50	DJ
28301-119	B44-2	EPA 7420 (Lead)	08/24/98	32	STLC Extract, mg/L	0.20	0.50	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: MS for Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/14/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-121	B45-2	EPA 7420 (Lead)	08/24/98	46	STLC Extract, mg/L	0.20	2.00	DJ
28301-122	B46-1	EPA 7420 (Lead)	08/24/98	28	STLC Extract, mg/L	0.20	0.50	DJ
28301-123	B46-2	EPA 7420 (Lead)	08/24/98	13	STLC Extract, mg/L	0.20	0.30	DJ
28301-125	B47-2	EPA 7420 (Lead)	08/24/98	13	STLC Extract, mg/L	0.20	0.30	DJ
28301-126	B48-1	EPA 7420 (Lead)	09/08/98	42*	STLC Extract, mg/L	0.20	1.0	DJ
28301-127	B48-2	EPA 7420 (Lead)	08/24/98	19	STLC Extract, mg/L	0.20	0.30	DJ
28301-128	B48-3	EPA 7420 (Lead)	08/24/98	15	STLC Extract, mg/L	0.20	0.30	DJ
28301-132	B49-2	EPA 7420 (Lead)	08/24/98	51	STLC Extract, mg/L	0.20	2.0	DJ
28301-133	B49-3	EPA 7420 (Lead)	08/24/98	54	STLC Extract, mg/L	0.20	2.0	DJ
28301-134	B51-1	EPA 7420 (Lead)	08/24/98	7.4	STLC Extract, mg/L	0.20	0.20	DJ
28301-138	B52-2	EPA 7420 (Lead)	08/24/98	46	STLC Extract, mg/L	0.20	2.0	DJ
28301-139	B53-1	EPA 7420 (Lead)	08/24/98	12	STLC Extract, mg/L	0.20	0.30	DJ
28301-141	B53-3	EPA 7420 (Lead)	08/24/98	9.9	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Extracted: 09/06/98

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 08/19/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-142	B55-1	EPA 7420 (Lead)	08/24/98	126	STLC Extract, mg/L	0.20	3.0	DJ
28301-143	B55-2	EPA 7420 (Lead)	09/08/98	29*	STLC Extract, mg/L	0.20	1.0	DJ
28301-148	B3-2	EPA 7420 (Lead)	08/24/98	7.7	STLC Extract, mg/L	0.20	0.20	DJ
28301-148D	B3-2	EPA 7420 (Lead)	08/24/98	7.1	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Extracted: 09/06/98

Reviewed/Approved By: MSK for Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II Modified)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-001	B1-1	EPA 7420 (Lead)	09/08/98	0.24	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-004	B2-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-005	B2-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-006	B3-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-007	B4-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-008	B4-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-011	B5-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-012	B6-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-013	B6-2	EPA 7420 (Lead)	09/08/98	0.28	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-018	B8-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-018Dup	B8-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-021	B9-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-027	B11-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-030	B12-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-035	B14-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-042	B16-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-044	B19-1	EPA 7420 (Lead)	09/08/98	0.15	STLC DI Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II Modified)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-045	B19-2	EPA 7420 (Lead)	09/08/98	0.21	STLC DI Extract, mg/	0.15	0.15	DJ
28301-046	B18-1	EPA 7420 (Lead)	09/08/98	0.33	STLC DI Extract, mg/	0.15	0.15	DJ
28301-048	B18-3	EPA 7420 (Lead)	09/08/98	0.43	STLC DI Extract, mg/	0.15	0.15	DJ
28301-048Dup	B18-3	EPA 7420 (Lead)	09/08/98	0.36	STLC DI Extract, mg/	0.15	0.15	DJ
28301-049	B17-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-050	B17-2	EPA 7420 (Lead)	09/08/98	0.17	STLC DI Extract, mg/	0.15	0.15	DJ
28301-051	B20-1	EPA 7420 (Lead)	09/08/98	0.24	STLC DI Extract, mg/	0.15	0.15	DJ
28301-052	B20-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-055	B22-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-056	B23-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-058	B21-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-059	B23-2	EPA 7420 (Lead)	09/08/98	0.20	STLC DI Extract, mg/	0.15	0.15	DJ
28301-060	B25-1	EPA 7420 (Lead)	09/08/98	0.75	STLC DI Extract, mg/	0.15	0.15	DJ
28301-061	B25-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-061Dup	B25-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-062	B25-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/	0.15	0.15	DJ
28301-066	B26-2	EPA 7420 (Lead)	09/08/98	1.0	STLC DI Extract, mg/	0.15	0.15	DJ
28301-072	B27-1	EPA 7420 (Lead)	09/08/98	0.25	STLC DI Extract, mg/	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By:_____ Date:_____

David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II Modified)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-076	B30-1	EPA 7420 (Lead)	09/08/98	0.19	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-077	B30-2	EPA 7420 (Lead)	09/08/98	0.44	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-078	B30-3	EPA 7420 (Lead)	09/08/98	0.23	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-079	B31-1	EPA 7420 (Lead)	09/08/98	0.29	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-084	B33-1	EPA 7420 (Lead)	09/08/98	0.25	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-087	B34-1	EPA 7420 (Lead)	09/08/98	0.27	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-090	B35-1	EPA 7420 (Lead)	09/08/98	0.58	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-090Dup	B35-1	EPA 7420 (Lead)	09/08/98	0.50	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-091	B35-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-092	B35-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-095	B36-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-096	B36-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-097	B37-1	EPA 7420 (Lead)	09/08/98	0.22	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-099	B37-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-101	B38-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-102	B38-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-103	B39-1	EPA 7420 (Lead)	09/08/98	0.38	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-103Dup	B39-1	EPA 7420 (Lead)	09/08/98	0.31	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-104	B39-2	EPA 7420 (Lead)	08/24/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/8/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II Modified)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-105	B39-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-106	B40-1	EPA 7420 (Lead)	09/08/98	0.29	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-110	B41-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-111	B41-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-112	B42-1	EPA 7420 (Lead)	09/08/98	0.24	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-114	B42-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-115	B43-1	EPA 7420 (Lead)	09/08/98	0.16	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-116	B43-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-116Dup	B43-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-117	B43-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-118	B44-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-119	B44-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-121	B45-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-122	B46-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-123	B46-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-125	B47-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-126	B48-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 8730-06-76

Date Received: 08/14/98
Date Sampled: 08/13/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II Modified)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-127	B48-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-128	B48-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-128Dup	B48-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-132	B49-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-133	B49-3	EPA 7420 (Lead)	09/08/98	0.21	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-134	B51-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-138	B52-2	EPA 7420 (Lead)	09/08/98	0.24	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-139	B53-1	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-141	B53-3	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-142	B55-1	EPA 7420 (Lead)	09/08/98	0.46	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-143	B55-2	EPA 7420 (Lead)	09/08/98	0.23	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-148	B3-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28301-148Dup	B3-2	EPA 7420 (Lead)	09/08/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA 6010 (Lead)
Analyst: LP/OL
Data File: ICP80918-1
QA File: 8261-1

Date Analyzed: 9/17/98
Date Digested: 9/14/98
Sample ID: See below
Matrix: Soil
QAQC Batch No: ICP980918S-1

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC	RPD	RPD Limit	MDL
28301-010*	mg/kg	5.0	4.8	96	ND	18	155	158	250	358	329	136	124	68-106	9	20	5
28301-020	mg/kg	5.0	4.5	90	ND	ND	ND	0	250	191	209	76	84	68-106	9	20	5
28301-030	mg/kg	5.0	4.8	96	ND	64	71	10	250	254	254	76	76	68-106	0	20	5
28301-040	mg/kg	5.0	4.5	90	ND	ND	ND	0	250	191	183	76	73	68-106	4	20	5
28301-050	mg/kg	5.0	4.9	98	ND	196	185	6	250	409	381	85	74	68-106	14	20	5
28301-060*	mg/kg	5.0	5.0	100	ND	716	673	6	250	624	866	37	60	68-106	48	20	5
28301-070	mg/kg	5.0	5.0	100	ND	135	238	55	250	402	400	107	106	68-106	1	20	5
28301-080	mg/kg	5.0	4.9	98	ND	21	17	21	250	214	230	77	84	68-106	8	20	5
28301-090*	mg/kg	5.0	5.0	100	ND	533	518	3	250	775	704	97	68	68-106	34	20	5
28301-100*	mg/kg	5.0	4.9	98	ND	1220	1270	4	250	1390	1220	68	0	68-106	200	20	5
28301-110	mg/kg	5.0	5.0	100	ND	91	99	8	250	275	285	74	78	68-106	5	20	5
28301-120*	mg/kg	5.0	4.9	98	ND	1580	1430	10	250	1600	1460	8	48	68-106	143	20	5
28301-130*	mg/kg	5.0	4.8	96	ND	1290	940	31	250	165	170	450	448	68-106	0	20	5
28301-140*	mg/kg	5.0	4.7	94	ND	315	263	18	250	196	193	48	49	68-106	2	20	5
28301-148*	mg/kg	5.0	4.8	96	ND	335	309	8	250	177	179	63	62	68-106	1	20	5

* REC and RPD out of the limit is due to the sample matrix.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/18/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80908-1
QA File: 8251-1

Date Analyzed: 09-08-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980908ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-084	mg/L	5.0	4.7	94	ND	17	18	6	20	35	35	89	90	50-150	1	50	0.15
28771-012	mg/L	5.0	4.9	98	ND	2.2	3.9	56	5.0	6.8	6.8	92	92	50-150	0	50	0.15
28775-047	mg/L	5.0	5.0	100	ND	1.7	4.3	87	5.0	7.1	7.1	108	108	50-150	0	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/8/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80824-2
QA File: 8236-2

Date Analyzed: 08-24-98
Date Digested: 08-19-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980824ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	PL DU	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28301-096	mg/L	5.0	5.4	108	ND	30	31	3	25	50	50	80	80	50-150	0	50	0.15
28301-109	mg/L	5.0	5.4	108	ND	46	48	4	100	132	132	86	86	50-150	0	50	0.15
28301-121	mg/L	5.0	5.4	108	ND	45	46	2	50	97	98	104	106	50-150	2	50	0.15
28301-135	mg/L	5.0	5.3	106	ND	3.5	2.0	55	5.0	8.7	8.7	104	104	50-150	0	50	0.15
28301-148	mg/L	5.0	5.3	106	ND	7.7	7.1	8	10	18	19	103	113	50-150	9	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 8/31/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80908-2
QA File: 8251-2

Date Analyzed: 09-08-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: DI WATER EXTRACT
QC Batch Number PBF980908DI-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28301-018	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	5.0	5.0	100	100	50-150	0	50	0.15
28301-048	mg/L	5.0	4.9	98	ND	0.43	0.36	18	5.0	4.9	4.9	89	89	50-150	0	50	0.15
28301-061	mg/L	5.0	5.2	104	ND	ND	ND	0	5.0	4.9	5.0	98	100	50-150	2	50	0.15
28301-090	mg/L	5.0	5.1	102	ND	0.58	0.5	15	5.0	5.9	5.9	106	106	50-150	0	50	0.15
28301-103	mg/L	5.0	5.0	100	ND	0.38	0.31	20	5.0	4.0	4.1	72	74	50-150	3	50	0.15
28301-116	mg/L	5.0	4.7	94	ND	ND	ND	0	5.0	4.6	4.7	92	94	50-150	2	50	0.15
28301-0128	mg/L	5.0	4.2	84	ND	ND	ND	0	5.0	3.6	3.6	72	72	50-150	0	50	0.15
28301-0148	mg/L	5.0	5.3	106	ND	ND	ND	0	5.0	5.0	5.0	100	100	50-150	0	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/8/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80821-1
QA File: 8233-1

Date Analyzed: 08-21-98
Date Digested: 08-19-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980821ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	PL DU	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28301-013	mg/L	5.0	4.8	96	ND	17	18	6	20	34	35	85	90	50-150	6	50	0.15
28301-038	mg/L	5.0	4.9	98	ND	4.0	4.4	10	5.0	8.7	8.8	94	96	50-150	2	50	0.15
28301-051	mg/L	5.0	5.0	100	ND	24	24	0	50	70	70	92	92	50-150	0	50	0.15
28301-066	mg/L	5.0	5.2	104	ND	43	39	10	50	84	87	82	88	50-150	7	50	0.15
28301-083	mg/L	5.0	5.1	102	ND	5.0	2.5	67	5.0	9.6	9.7	92	94	50-150	2	50	0.15

Approved by: David J. Kern
Inorganics Supervisor

Date: 8/21/98

Advanced Technology Laboratories

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 08/28/98, 09/14/98, 09/15/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-001	B56-1	EPA 6010 (Lead)	09/10/98	78	Soil, mg/kg	5	5	LP
28464-002	B56-2	EPA 6010 (Lead)	09/10/98	25	Soil, mg/kg	5	5	LP
28464-003	B57-1	EPA 6010 (Lead)	09/10/98	195	Soil, mg/kg	5	5	LP
28464-004	B57-2	EPA 6010 (Lead)	09/10/98	50	Soil, mg/kg	5	5	LP
28464-005	B57-3	EPA 6010 (Lead)	09/10/98	41	Soil, mg/kg	5	5	LP
28464-006	B58-1	EPA 6010 (Lead)	09/10/98	741	Soil, mg/kg	5	5	LP
28464-007*	B58-2	EPA 6010 (Lead)	09/15/98	99	Soil, mg/kg	5	5	LP
28464-008	B58-3	EPA 6010 (Lead)	09/10/98	248	Soil, mg/kg	5	5	LP
28464-009	B59-1	EPA 6010 (Lead)	09/10/98	833	Soil, mg/kg	5	5	LP
28464-010	B59-2	EPA 6010 (Lead)	09/10/98	980	Soil, mg/kg	5	5	LP
28464-010D	B59-2	EPA 6010 (Lead)	09/10/98	1340	Soil, mg/kg	5	500	LP
28464-011	B59-3	EPA 6010 (Lead)	09/10/98	271	Soil, mg/kg	5	5	LP
28464-012	B60-1	EPA 6010 (Lead)	09/10/98	200	Soil, mg/kg	5	5	LP
28464-013	B60-2	EPA 6010 (Lead)	09/10/98	512	Soil, mg/kg	5	5	LP
28464-014*	B61-1	EPA 6010 (Lead)	09/15/98	594	Soil, mg/kg	5	5	LP
28464-015	B61-2	EPA 6010 (Lead)	09/10/98	328	Soil, mg/kg	5	5	LP
28464-016	B61-3	EPA 6010 (Lead)	09/10/98	138	Soil, mg/kg	5	5	LP
28464-017	B62-1	EPA 6010 (Lead)	09/10/98	2220	Soil, mg/kg	5	500	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Digested: 09/15/98

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/15/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/14/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-018	B62-2	EPA 6010 (Lead)	09/10/98	130	Soil, mg/kg	5	5	LP
28464-019	B62-3	EPA 6010 (Lead)	09/10/98	37	Soil, mg/kg	5	5	LP
28464-020	B63-1	EPA 6010 (Lead)	09/10/98	1310	Soil, mg/kg	5	500	LP
28464-020D	B63-1	EPA 6010 (Lead)	09/10/98	985	Soil, mg/kg	5	5	LP
28464-021	B63-2	EPA 6010 (Lead)	09/10/98	29	Soil, mg/kg	5	5	LP
28464-022	B64-1	EPA 6010 (Lead)	09/10/98	3140	Soil, mg/kg	5	500	LP
28464-023	B64-2	EPA 6010 (Lead)	09/10/98	125	Soil, mg/kg	5	5	LP
28464-024	B64-3	EPA 6010 (Lead)	09/10/98	12	Soil, mg/kg	5	5	LP
28464-025	B65-1	EPA 6010 (Lead)	09/10/98	646	Soil, mg/kg	5	5	LP
28464-026	B65-2	EPA 6010 (Lead)	09/10/98	314	Soil, mg/kg	5	5	LP
28464-027	B65-3	EPA 6010 (Lead)	09/10/98	199	Soil, mg/kg	5	5	LP
28464-028	B66-1	EPA 6010 (Lead)	09/10/98	878	Soil, mg/kg	5	5	LP
28464-029	B66-2	EPA 6010 (Lead)	09/10/98	388	Soil, mg/kg	5	5	LP
28464-030	B67-1	EPA 6010 (Lead)	09/10/98	185	Soil, mg/kg	5	5	LP
28464-030D	B67-1	EPA 6010 (Lead)	09/10/98	135	Soil, mg/kg	5	5	LP
28464-031	B67-2	EPA 6010 (Lead)	09/10/98	77	Soil, mg/kg	5	5	LP
28464-032	B67-3	EPA 6010 (Lead)	09/10/98	19	Soil, mg/kg	5	5	LP
28464-033	B68-1	EPA 6010 (Lead)	09/10/98	555	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/14/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/14/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-034	B68-2	EPA 6010 (Lead)	09/10/98	64	Soil, mg/kg	5	5	LP
28464-035	B68-3	EPA 6010 (Lead)	09/10/98	48	Soil, mg/kg	5	5	LP
28464-036	B69-1	EPA 6010 (Lead)	09/10/98	433	Soil, mg/kg	5	5	LP
28464-037	B69-2	EPA 6010 (Lead)	09/10/98	45	Soil, mg/kg	5	5	LP
28464-038	B69-3	EPA 6010 (Lead)	09/10/98	ND	Soil, mg/kg	5	5	LP
28464-039	B70-1	EPA 6010 (Lead)	09/10/98	1420	Soil, mg/kg	5	500	LP
28464-040	B70-2	EPA 6010 (Lead)	09/10/98	40	Soil, mg/kg	5	5	LP
28464-040D	B70-2	EPA 6010 (Lead)	09/10/98	39	Soil, mg/kg	5	5	LP
28464-041	B70-3	EPA 6010 (Lead)	09/10/98	58	Soil, mg/kg	5	5	LP
28464-042	B71-1	EPA 6010 (Lead)	09/10/98	487	Soil, mg/kg	5	5	LP
28464-043	B71-2	EPA 6010 (Lead)	09/10/98	12	Soil, mg/kg	5	5	LP
28464-044	B72-1	EPA 6010 (Lead)	09/10/98	867	Soil, mg/kg	5	5	LP
28464-045	B72-2	EPA 6010 (Lead)	09/10/98	78	Soil, mg/kg	5	5	LP
28464-046	B73-1	EPA 6010 (Lead)	09/10/98	920	Soil, mg/kg	5	5	LP
28464-047	B73-2	EPA 6010 (Lead)	09/10/98	655	Soil, mg/kg	5	5	LP
28464-048	B74-1	EPA 6010 (Lead)	09/10/98	202	Soil, mg/kg	5	5	LP
28464-049	B74-2	EPA 6010 (Lead)	09/10/98	62	Soil, mg/kg	5	5	LP
28464-050	B75-1	EPA 6010 (Lead)	09/10/98	651	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/14/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/14/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-050D	B75-1	EPA 6010 (Lead)	09/10/98	863	Soil, mg/kg	5	5	LP
28464-051	B75-2	EPA 6010 (Lead)	09/10/98	706	Soil, mg/kg	5	5	LP
28464-052	B75-3	EPA 6010 (Lead)	09/10/98	281	Soil, mg/kg	5	5	LP
28464-053	B76-1	EPA 6010 (Lead)	09/10/98	98	Soil, mg/kg	5	5	LP
28464-054	B76-2	EPA 6010 (Lead)	09/10/98	15	Soil, mg/kg	5	5	LP
28464-055	B77-1	EPA 6010 (Lead)	09/10/98	152	Soil, mg/kg	5	5	LP
28464-056	B77-2	EPA 6010 (Lead)	09/10/98	40	Soil, mg/kg	5	5	LP
28464-057	B78-1	EPA 6010 (Lead)	09/10/98	729	Soil, mg/kg	5	5	LP
28464-058	B78-2	EPA 6010 (Lead)	09/10/98	93	Soil, mg/kg	5	5	LP
28464-059	B79-1	EPA 6010 (Lead)	09/10/98	534	Soil, mg/kg	5	5	LP
28464-060	B79-2	EPA 6010 (Lead)	09/10/98	78	Soil, mg/kg	5	5	LP
28464-060D	B79-2	EPA 6010 (Lead)	09/10/98	73	Soil, mg/kg	5	5	LP
28464-061	B79-3	EPA 6010 (Lead)	09/10/98	72	Soil, mg/kg	5	5	LP
28464-062	B80-1	EPA 6010 (Lead)	09/10/98	804	Soil, mg/kg	5	5	LP
28464-063	B80-2	EPA 6010 (Lead)	09/10/98	83	Soil, mg/kg	5	5	LP
28464-064	B81-1	EPA 6010 (Lead)	09/10/98	47	Soil, mg/kg	5	5	LP
28464-065	B81-2	EPA 6010 (Lead)	09/10/98	153	Soil, mg/kg	5	5	LP
28464-066	B82-1	EPA 6010 (Lead)	09/10/98	156	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/14/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/09&14/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-067	B82-2	EPA 6010 (Lead)	09/10/98	455	Soil, mg/kg	5	5	LP
28464-068	B83-1	EPA 6010 (Lead)	09/10/98	1650	Soil, mg/kg	5	500	LP
28464-069	B83-2	EPA 6010 (Lead)	09/10/98	216	Soil, mg/kg	5	5	LP
28464-070	B84-1	EPA 6010 (Lead)	09/10/98	621	Soil, mg/kg	5	5	LP
28464-070D	B84-1	EPA 6010 (Lead)	09/10/98	798	Soil, mg/kg	5	5	LP
28464-071	B84-2	EPA 6010 (Lead)	09/10/98	226	Soil, mg/kg	5	5	LP
28464-072	B85-1	EPA 6010 (Lead)	09/10/98	235	Soil, mg/kg	5	5	LP
28464-073	B85-2	EPA 6010 (Lead)	09/10/98	87	Soil, mg/kg	5	5	LP
28464-074	B85-3	EPA 6010 (Lead)	09/10/98	ND	Soil, mg/kg	5	5	LP
28464-075	B86-1	EPA 6010 (Lead)	09/10/98	217	Soil, mg/kg	5	5	LP
28464-076	B86-2	EPA 6010 (Lead)	09/10/98	13	Soil, mg/kg	5	5	LP
28464-077	B86-3	EPA 6010 (Lead)	09/10/98	34	Soil, mg/kg	5	5	LP
28464-078	B87-1	EPA 6010 (Lead)	09/10/98	85	Soil, mg/kg	5	5	LP
28464-079	B87-2	EPA 6010 (Lead)	09/10/98	123	Soil, mg/kg	5	5	LP
28464-080	B88-1	EPA 6010 (Lead)	09/10/98	304	Soil, mg/kg	5	5	LP
28464-080D	B88-1	EPA 6010 (Lead)	09/10/98	421	Soil, mg/kg	5	5	LP
28464-081	B88-2	EPA 6010 (Lead)	09/10/98	381	Soil, mg/kg	5	5	LP
28464-082	B89-1	EPA 6010 (Lead)	09/10/98	207	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David K
David J. Kern
Department Supervisor

Date: 9/14/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 08/28/98, 09/14/98, 09/15/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-083	B89-2	EPA 6010 (Lead)	09/10/98	1310	Soil, mg/kg	5	500	LP
28464-084	B89-3	EPA 6010 (Lead)	09/10/98	296	Soil, mg/kg	5	5	LP
28464-085	B90-1	EPA 6010 (Lead)	09/10/98	523	Soil, mg/kg	5	5	LP
28464-086	B90-2	EPA 6010 (Lead)	09/10/98	25	Soil, mg/kg	5	5	LP
28464-087	B90-3	EPA 6010 (Lead)	09/10/98	5.2	Soil, mg/kg	5	5	LP
28464-088	B91-1	EPA 6010 (Lead)	09/10/98	150	Soil, mg/kg	5	5	LP
28464-089	B91-2	EPA 6010 (Lead)	09/10/98	246	Soil, mg/kg	5	5	LP
28464-090	B91-3	EPA 6010 (Lead)	09/10/98	44	Soil, mg/kg	5	5	LP
28464-090D	B91-3	EPA 6010 (Lead)	09/10/98	36	Soil, mg/kg	5	5	LP
28464-091*	B92-1	EPA 6010 (Lead)	09/15/98	655	Soil, mg/kg	5	5	LP
28464-092	B92-2	EPA 6010 (Lead)	09/10/98	1230	Soil, mg/kg	5	500	LP
28464-093	B92-3	EPA 6010 (Lead)	09/10/98	40	Soil, mg/kg	5	5	LP
28464-094	B93-1	EPA 6010 (Lead)	09/10/98	1220	Soil, mg/kg	5	500	LP
28464-095	B93-2	EPA 6010 (Lead)	09/10/98	1270	Soil, mg/kg	5	500	LP
28464-096	B93-3	EPA 6010 (Lead)	09/10/98	181	Soil, mg/kg	5	5	LP
28464-097	B94-1	EPA 6010 (Lead)	09/10/98	415	Soil, mg/kg	5	5	LP
28464-098	B94-2	EPA 6010 (Lead)	09/10/98	381	Soil, mg/kg	5	5	LP
28464-099	B94-3	EPA 6010 (Lead)	09/10/98	66	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Digested: 09/15/98

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/15/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/09/98, 09/14/98, 09/15/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-100	B95-1	EPA 6010 (Lead)	09/10/98	198	Soil, mg/kg	5	5	LP
28464-100D	B95-1	EPA 6010 (Lead)	09/10/98	118	Soil, mg/kg	5	5	LP
28464-101	B95-2	EPA 6010 (Lead)	09/10/98	183	Soil, mg/kg	5	5	LP
28464-102*	B96-1	EPA 6010 (Lead)	09/15/98	2460	Soil, mg/kg	5	5	LP
28464-103	B96-2	EPA 6010 (Lead)	09/10/98	747	Soil, mg/kg	5	5	LP
28464-104	B97-1	EPA 6010 (Lead)	09/10/98	657	Soil, mg/kg	5	5	LP
28464-105	B97-2	EPA 6010 (Lead)	09/10/98	571	Soil, mg/kg	5	5	LP
28464-106	B98-1	EPA 6010 (Lead)	09/10/98	103	Soil, mg/kg	5	5	LP
28464-107	B98-2	EPA 6010 (Lead)	09/10/98	164	Soil, mg/kg	5	5	LP
28464-108	B99-1	EPA 6010 (Lead)	09/10/98	161	Soil, mg/kg	5	5	LP
28464-109	B99-2	EPA 6010 (Lead)	09/10/98	236	Soil, mg/kg	5	5	LP
28464-110	B99-3	EPA 6010 (Lead)	09/10/98	67	Soil, mg/kg	5	5	LP
28464-110D	B99-3	EPA 6010 (Lead)	09/10/98	57	Soil, mg/kg	5	5	LP
28464-111	B100-1	EPA 6010 (Lead)	09/10/98	166	Soil, mg/kg	5	5	LP
28464-112	B100-2	EPA 6010 (Lead)	09/10/98	50	Soil, mg/kg	5	5	LP
28464-113	B100-3	EPA 6010 (Lead)	09/10/98	46	Soil, mg/kg	5	5	LP
28464-114	B101-1	EPA 6010 (Lead)	09/10/98	142	Soil, mg/kg	5	5	LP
28464-115	B101-2	EPA 6010 (Lead)	09/10/98	84	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Digested: 09/15/98

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/15/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/14/98, 09/15/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-116	B102-1	EPA 6010 (Lead)	09/10/98	84	Soil, mg/kg	5	5	LP
28464-117	B102-2	EPA 6010 (Lead)	09/10/98	7.9	Soil, mg/kg	5	5	LP
28464-118	B102-3	EPA 6010 (Lead)	09/10/98	28	Soil, mg/kg	5	5	LP
28464-119*	B103-1	EPA 6010 (Lead)	09/15/98	320	Soil, mg/kg	5	5	LP
28464-120	B103-2	EPA 6010 (Lead)	09/10/98	34	Soil, mg/kg	5	5	LP
28464-120D	B103-2	EPA 6010 (Lead)	09/10/98	26	Soil, mg/kg	5	5	LP
28464-121	B104-1	EPA 6010 (Lead)	09/10/98	48	Soil, mg/kg	5	5	LP
28464-122	B104-2	EPA 6010 (Lead)	09/10/98	84	Soil, mg/kg	5	5	LP
28464-123	B105-1	EPA 6010 (Lead)	09/10/98	50	Soil, mg/kg	5	5	LP
28464-124	B105-2	EPA 6010 (Lead)	09/10/98	424	Soil, mg/kg	5	5	LP
28464-125	B106-1	EPA 6010 (Lead)	09/10/98	82	Soil, mg/kg	5	5	LP
28464-126	B106-2	EPA 6010 (Lead)	09/10/98	114	Soil, mg/kg	5	5	LP
28464-127	B107-1	EPA 6010 (Lead)	09/10/98	99	Soil, mg/kg	5	5	LP
28464-128	B107-2	EPA 6010 (Lead)	09/10/98	60	Soil, mg/kg	5	5	LP
28464-129	B108-1	EPA 6010 (Lead)	09/10/98	225	Soil, mg/kg	5	5	LP
28464-130	B108-2	EPA 6010 (Lead)	09/10/98	295	Soil, mg/kg	5	5	LP
28464-130D	B108-2	EPA 6010 (Lead)	09/10/98	308	Soil, mg/kg	5	5	LP
28464-131	B109-1	EPA 6010 (Lead)	09/10/98	97	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Date Digested: 09/15/98

Reviewed/Approved By: David J. Kern
Department Supervisor

Date: 9/15/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: EPA 3050
Date Amended: 09/14/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-132	B109-2	EPA 6010 (Lead)	09/10/98	45	Soil, mg/kg	5	5	LP
28464-133	B110-1	EPA 6010 (Lead)	09/10/98	169	Soil, mg/kg	5	5	LP
28464-134	B110-2	EPA 6010 (Lead)	09/10/98	258	Soil, mg/kg	5	5	LP
28464-135	B110-3	EPA 6010 (Lead)	09/10/98	60	Soil, mg/kg	5	5	LP
28464-135D	B110-3	EPA 6010 (Lead)	09/10/98	50	Soil, mg/kg	5	5	LP

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/14/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-001	B56-1	EPA 7420 (Lead)	08/28/98	6.1	STLC Extract, mg/L	0.15	0.15	DJ
28464-003	B57-1	EPA 7420 (Lead)	08/28/98	9.4	STLC Extract, mg/L	0.15	0.15	DJ
28464-004	B57-2	EPA 7420 (Lead)	08/28/98	5.2	STLC Extract, mg/L	0.15	0.15	DJ
28464-006	B58-1	EPA 7420 (Lead)	08/28/98	72	STLC Extract, mg/L	0.15	1.5	DJ
28464-007	B58-2	EPA 7420 (Lead)	08/28/98	14	STLC Extract, mg/L	0.15	0.30	DJ
28464-008	B73-2	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.15	0.45	DJ
28464-009	B59-1	EPA 7420 (Lead)	08/28/98	87	STLC Extract, mg/L	0.15	1.7	DJ
28464-011	B59-3	EPA 7420 (Lead)	08/28/98	25	STLC Extract, mg/L	0.15	0.60	DJ
28464-011dup	B67-2	EPA 7420 (Lead)	08/28/98	23	STLC Extract, mg/L	0.15	0.60	DJ
28464-012	B60-1	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.15	0.45	DJ
28464-013	B60-2	EPA 7420 (Lead)	08/28/98	66	STLC Extract, mg/L	0.15	1.4	DJ
28464-014	B61-1	EPA 7420 (Lead)	08/28/98	52	STLC Extract, mg/L	0.15	1.2	DJ
28464-015	B61-2	EPA 7420 (Lead)	08/28/98	24	STLC Extract, mg/L	0.15	0.60	DJ
28464-016	B61-3	EPA 7420 (Lead)	08/28/98	6.6	STLC Extract, mg/L	0.15	0.15	DJ
28464-018	B62-2	EPA 7420 (Lead)	08/28/98	6.1	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: DJK
David J. Kern
Department Supervisor

Date: 9-25-98

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24&28/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-023	B64-2	EPA 7420 (Lead)	08/28/98	5.9	STLC Extract, mg/L	0.15	0.15	DJ
28464-025	B65-1	EPA 7420 (Lead)	08/28/98	55	STLC Extract, mg/L	0.15	1.2	DJ
28464-025dup	B65-1	EPA 7420 (Lead)	08/28/98	57	STLC Extract, mg/L	0.15	1.2	DJ
28464-026	B65-2	EPA 7420 (Lead)	08/28/98	2.6	STLC Extract, mg/L	0.15	0.2	DJ
28464-027	B65-3	EPA 7420 (Lead)	08/28/98	11	STLC Extract, mg/L	0.15	0.3	DJ
28464-028	B66-1	EPA 7420 (Lead)	08/28/98	65	STLC Extract, mg/L	0.15	1.5	DJ
28464-029	B66-2	EPA 7420 (Lead)	08/28/98	25	STLC Extract, mg/L	0.15	0.45	DJ
28464-030	B67-1	EPA 7420 (Lead)	08/28/98	8.9	STLC Extract, mg/L	0.15	0.15	DJ
28464-031	B67-2	EPA 7420 (Lead)	08/28/98	6.8	STLC Extract, mg/L	0.15	0.15	DJ
28464-033	B68-1	EPA 7420 (Lead)	08/28/98	59	STLC Extract, mg/L	0.15	1.50	DJ
28464-034	B68-2	EPA 7420 (Lead)	08/28/98	2.3	STLC Extract, mg/L	0.15	0.15	DJ
28464-036	B69-1	EPA 7420 (Lead)	08/28/98	41	STLC Extract, mg/L	0.15	1.5	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/28/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-041	B70-3	EPA 7420 (Lead)	08/28/98	3.0	STLC Extract, mg/L	0.15	0.15	DJ
28464-042	B71-1	EPA 7420 (Lead)	08/28/98	8.7	STLC Extract, mg/L	0.15	0.15	DJ
28464-045	B72-2	EPA 7420 (Lead)	08/28/98	6.2	STLC Extract, mg/L	0.15	0.15	DJ
28464-047	B73-2	EPA 7420 (Lead)	08/28/98	60	STLC Extract, mg/L	0.15	1.5	DJ
28464-048	B74-1	EPA 7420 (Lead)	08/28/98	11	STLC Extract, mg/L	0.15	0.15	DJ
28464-048dup	B74-1	EPA 7420 (Lead)	08/28/98	11	STLC Extract, mg/L	0.15	0.15	DJ
28464-049	B74-2	EPA 7420 (Lead)	08/28/98	3.8	STLC Extract, mg/L	0.15	0.15	DJ
28464-050	B75-1	EPA 7420 (Lead)	08/28/98	71	STLC Extract, mg/L	0.15	1.5	DJ
28464-051	B75-2	EPA 7420 (Lead)	08/28/98	60	STLC Extract, mg/L	0.15	1.5	DJ
28464-052	B75-3	EPA 7420 (Lead)	08/28/98	18	STLC Extract, mg/L	0.15	0.30	DJ
28464-053	B76-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.15	0.30	DJ
28464-055	B77-1	EPA 7420 (Lead)	08/28/98	9.0	STLC Extract, mg/L	0.15	0.15	DJ
28464-058	B78-2	EPA 7420 (Lead)	08/28/98	8.2	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: DJK
David J. Kern
Department Supervisor

Date: 9-25-98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-059	B79-1	EPA 7420 (Lead)	08/28/98	49	STLC Extract, mg/L	0.15	1.5	DJ
28464-060	B79-2	EPA 7420 (Lead)	08/28/98	3.7	STLC Extract, mg/L	0.15	0.15	DJ
28464-061	B79-3	EPA 7420 (Lead)	08/28/98	4.2	STLC Extract, mg/L	0.15	0.15	DJ
28464-061dup	B79-3	EPA 7420 (Lead)	08/28/98	3.6	STLC Extract, mg/L	0.15	0.15	DJ
28464-063	B80-2	EPA 7420 (Lead)	08/28/98	3.5	STLC Extract, mg/L	0.15	0.15	DJ
28464-065	B81-2	EPA 7420 (Lead)	08/28/98	17	STLC Extract, mg/L	0.15	0.30	DJ
28464-066	B82-1	EPA 7420 (Lead)	08/28/98	21	STLC Extract, mg/L	0.15	0.30	DJ
28464-067	B82-2	EPA 7420 (Lead)	08/28/98	42	STLC Extract, mg/L	0.15	1.5	DJ
28464-069	B83-2	EPA 7420 (Lead)	08/28/98	18	STLC Extract, mg/L	0.15	0.30	DJ
28464-071	B67-2	EPA 7420 (Lead)	08/28/98	19	STLC Extract, mg/L	0.15	0.45	DJ
28464-072	B85-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.15	0.30	DJ
28464-075	B86-1	EPA 7420 (Lead)	08/28/98	8.7	STLC Extract, mg/L	0.15	0.15	DJ
28464-078	B87-1	EPA 7420 (Lead)	09/08/98	9.6	STLC Extract, mg/L	0.15	0.30	DJ
28464-078dup	B87-1	EPA 7420 (Lead)	08/28/98	13	STLC Extract, mg/L	0.15	0.30	DJ
28464-079	B87-2	EPA 7420 (Lead)	09/08/98	13	STLC Extract, mg/L	0.15	0.30	DJ
28464-080	B88-1	EPA 7420 (Lead)	08/28/98	33	STLC Extract, mg/L	0.15	1.5	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: DJK
David J. Kern
Department Supervisor

Date: 9-25-98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amemded: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-081	B88-2	EPA 7420 (Lead)	08/28/98	43	STLC Extract, mg/L	0.15	1.5	DJ
28464-082	B63-2	EPA 7420 (Lead)	08/28/98	10	STLC Extract, mg/L	0.15	0.15	DJ
28464-084	B89-3	EPA 7420 (Lead)	08/28/98	21	STLC Extract, mg/L	0.15	0.45	DJ
28464-085	B90-1	EPA 7420 (Lead)	08/28/98	37	STLC Extract, mg/L	0.15	1.5	DJ
28464-086	B90-2	EPA 7420 (Lead)	08/28/98	1.8	STLC Extract, mg/L	0.15	0.15	DJ
28464-088	B91-1	EPA 7420 (Lead)	08/28/98	9.1	STLC Extract, mg/L	0.15	0.15	DJ
28464-089	B73-2	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.15	0.30	DJ
28464-089dup	B91-2	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.15	0.30	DJ
28464-091	B92-1	EPA 7420 (Lead)	08/28/98	62	STLC Extract, mg/L	0.15	1.5	DJ
28464-096	B93-3	EPA 7420 (Lead)	08/28/98	13	STLC Extract, mg/L	0.15	0.30	DJ
28464-097	B94-1	EPA 7420 (Lead)	08/28/98	40	STLC Extract, mg/L	0.15	1.5	DJ
28464-098	B94-2	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.15	0.30	DJ
28464-099	B94-3	EPA 7420 (Lead)	08/28/98	2.0	STLC Extract, mg/L	0.15	0.15	DJ
28464-100	B95-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.15	0.30	DJ
28464-101	B95-2	EPA 7420 (Lead)	08/28/98	8.3	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories

October 8, 1998

ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joel Kloth
SUBJECT: AMENDED REPORT

Client's Project: Rte 10, S8730-06-76
Lab No.: 28464-001/135

Gentlemen:

This report contains an amended result for sample 28301-112. The following result was amended for:

The sample I.D. was changed.

Please disregard all previous documentation that corresponds to the pages(s) enclosed.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/lb

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 92797 Long Beach, CA 90809-2797
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/24/98, & 10/08/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-103	B96-2	EPA 7420 (Lead)	08/28/98	52	STLC Extract, mg/L	0.15	1.5	DJ
28464-103dup	B96-2	EPA 7420 (Lead)	08/28/98	53	STLC Extract, mg/L	0.15	1.5	DJ
28464-104	B97-1	EPA 7420 (Lead)	08/28/98	60	STLC Extract, mg/L	0.15	1.5	DJ
28464-105	B97-2	EPA 7420 (Lead)	08/28/98	43	STLC Extract, mg/L	0.15	1.5	DJ
28464-106	B98-1	EPA 7420 (Lead)	08/28/98	9.1	STLC Extract, mg/L	0.15	0.15	DJ
28464-107	B98-2	EPA 7420 (Lead)	08/28/98	10	STLC Extract, mg/L	0.15	0.15	DJ
28464-108	B73-2	EPA 7420 (Lead)	08/28/98	13	STLC Extract, mg/L	0.15	0.30	DJ
28464-109	B99-2	EPA 7420 (Lead)	08/28/98	17	STLC Extract, mg/L	0.15	0.30	DJ
28464-111	B100-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.15	0.30	DJ
28464-112	B100-2	EPA 7420 (Lead)	08/28/98	4.8	STLC Extract, mg/L	0.15	0.15	DJ
28464-114	B101-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.15	0.60	DJ
28464-114dup	B101-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.15	0.60	DJ
28464-115	B101-2	EPA 7420 (Lead)	08/28/98	3.3	STLC Extract, mg/L	0.15	0.15	DJ
28464-116	B102-1	EPA 7420 (Lead)	08/28/98	9.4	STLC Extract, mg/L	0.15	0.15	DJ
28464-119	B103-1	EPA 7420 (Lead)	08/28/98	36	STLC Extract, mg/L	0.15	1.5	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 10/8/98

The cover letter is an integral part of this analytical report.

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-122	B104-2	EPA 7420 (Lead)	08/28/98	7.9	STLC Extract, mg/L	0.15	0.15	DJ
28464-124	B105-2	EPA 7420 (Lead)	08/28/98	32	STLC Extract, mg/L	0.15	1.5	DJ
28464-125	B106-1	EPA 7420 (Lead)	08/28/98	5.4	STLC Extract, mg/L	0.15	0.15	DJ
28464-126	B106-2	EPA 7420 (Lead)	08/28/98	4.9	STLC Extract, mg/L	0.15	0.15	DJ
28464-127	B107-1	EPA 7420 (Lead)	08/28/98	8.2	STLC Extract, mg/L	0.15	0.15	DJ
28464-128	B107-2	EPA 7420 (Lead)	08/28/98	5.4	STLC Extract, mg/L	0.15	0.15	DJ
28464-129	B108-1	EPA 7420 (Lead)	08/28/98	10	STLC Extract, mg/L	0.15	0.15	DJ
28464-129dup	B108-1	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.15	0.15	DJ
28464-130	B108-2	EPA 7420 (Lead)	08/28/98	29	STLC Extract, mg/L	0.15	1.5	DJ
28464-131	B109-1	EPA 7420 (Lead)	08/28/98	8.4	STLC Extract, mg/L	0.15	0.15	DJ
28464-133	B110-1	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.15	0.30	DJ
28464-134	B110-2	EPA 7420 (Lead)	08/28/98	27	STLC Extract, mg/L	0.15	0.45	DJ
28464-135	B110-3	EPA 7420 (Lead)	08/28/98	5.3	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/28/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix)Modified
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-001	B56-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-003	B57-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-004	B57-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-006	B58-1	EPA 7420 (Lead)	09/09/98	0.55	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-007	B58-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-008	B58-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-009	B59-1	EPA 7420 (Lead)	09/09/98	0.31	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-011	B59-3	EPA 7420 (Lead)	09/09/98	0.49	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-012	B60-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-013	B60-2	EPA 7420 (Lead)	09/09/98	0.22	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-013D	B60-2	EPA 7420 (Lead)	09/09/98	0.22	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-014	B61-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-015	B61-2	EPA 7420 (Lead)	09/09/98	0.26	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-016	B61-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-018	B62-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-023	B64-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-025	B65-1	EPA 7420 (Lead)	09/09/98	0.22	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-027	B65-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: DJK Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix)Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-028	B66-1	EPA 7420 (Lead)	09/09/98	0.34	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-029	B66-2	EPA 7420 (Lead)	09/09/98	0.21	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-030	B67-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-030D	B67-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-031	B67-2	EPA 7420 (Lead)	09/09/98	0.89	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-033	B68-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-036	B69-1	EPA 7420 (Lead)	09/09/98	0.79	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-042	B71-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-045	B72-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-047	B73-2	EPA 7420 (Lead)	09/09/98	0.56	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-048	B74-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-050	B75-1	EPA 7420 (Lead)	09/09/98	0.45	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-051	B75-2	EPA 7420 (Lead)	09/09/98	1.1	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-052	B75-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-052D	B75-3	EPA 7420 (Lead)	09/09/98	0.25	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-053	B76-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-055	B77-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-058	B78-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/11/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix)Modified
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-059	B79-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-065	B81-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-066	B82-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-067	B82-2	EPA 7420 (Lead)	09/09/98	0.66	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-069	B83-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-071	B84-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-071D	B84-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-072	B85-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-075	B86-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-078	B87-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-079	B87-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-080	B88-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-081	B88-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-082	B89-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-084	B89-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-085	B90-1	EPA 7420 (Lead)	09/09/98	0.36	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-088	B91-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: _____ Date: 9-25-98
David J. Kern
Department Supervisor

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix)Modified
Date Amended: 09/24/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix Units	MDL	DLR	Analyst
28464-089	B91-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-091	B92-1	EPA 7420 (Lead)	09/09/98	0.16	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-096	B93-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-097	B94-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-098	B94-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-100	B95-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-101	B95-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-103	B96-2	EPA 7420 (Lead)	09/09/98	0.84	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-104	B97-1	EPA 7420 (Lead)	09/09/98	0.18	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-104Dup	B97-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-105	B97-2	EPA 7420 (Lead)	09/09/98	0.34	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-106	B98-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-107	B98-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-108	B99-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-109	B99-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: DJK
David J. Kern
Department Supervisor

Date: 9-25-98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/18/98
Date Digested: 08/24/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix)Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-111	B100-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-114	B101-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-116	B102-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-119	B103-1	EPA 7420 (Lead)	09/09/98	0.16	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-122	B104-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-122D	B104-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-124	B105-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-125	B106-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-127	B107-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-128	B107-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-129	B108-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-130	B108-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-131	B109-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-133	B110-1	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-134	B110-2	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-135	B110-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ
28464-135D	B110-3	EPA 7420 (Lead)	09/09/98	ND	STLC DI Water Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/11/98

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report

Method: EPA 6010 (Lead)
Analyst: LP/OL
Data File: ICAP80911-6
QA File: 8254-6

Date Analyzed: 9/10/98
Date Digested: 8/24/98
Sample ID: See below
Matrix: Soil
QAQC Batch No: ICAP980911S-2

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC	RPD	RPD Limit	MDL
28464-010*	mg/kg	5.0	4.8	96	ND	980	1340	31	250	1020	1130	16	60	68-106	10	20	15
28464-020*	mg/kg	5.0	5.1	102	ND	1310	985	28	250	1210	1070	40	96	68-106	12	20	15
28464-030*	mg/kg	5.0	4.4	88	ND	185	135	31	250	351	310	66	50	68-106	12	20	15
28464-040	mg/kg	5.0	4.6	92	ND	40	39	3	250	246	235	82	78	68-106	5	20	15
28464-050*	mg/kg	5.0	4.6	92	ND	863	651	28	250	1200	962	135	40	68-106	22	20	15
28464-060	mg/kg	5.0	4.6	92	ND	78	73	7	250	264	261	74	73	68-106	1	20	15
28464-070*	mg/kg	5.0	4.8	96	ND	621	798	25	250	753	1040	53	168	68-106	32	20	15
28464-080*	mg/kg	5.0	5.0	100	ND	304	421	32	250	708	588	162	114	68-106	19	20	15
28464-090	mg/kg	5.0	4.8	96	ND	44	36	20	250	259	249	86	82	68-106	4	20	15
28464-100*	mg/kg	5.0	4.9	98	ND	198	118	51	250	374	330	70	53	68-106	13	20	15
28464-110	mg/kg	5.0	4.9	98	ND	67	57	16	250	303	286	94	88	68-106	6	20	15
28464-120	mg/kg	5.0	4.9	98	ND	34	26	27	250	208	234	70	80	68-106	12	20	15
28464-130*	mg/kg	5.0	4.8	96	ND	295	308	4	250	507	457	85	65	68-106	10	20	15
28464-135	mg/kg	5.0	4.7	94	ND	60	50	18	250	241	257	72	79	68-106	6	20	15

* REC and RPD out of the limit is due to the relatively high sample concentration and non homogeneity.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/14/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA 6010 (Lead)
Analyst: LP/OL
Data File: ICAP80915-5
QA File: 8258-5

Date Analyzed: 9/15/98
Date Digested: 9/15/98
Sample ID: See below
Matrix: Soil
QAQC Batch No: ICAP980915S-3

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC	RPD	RPD Limit	MDL
28464-119*	mg/kg	5.0	5.2	104	ND	320	456	35	250	491	462	68	57	68-106	6	20	0.25

* REC out of the limit is due to the sample non homoheneity.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/15/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80828-1
QA File: 8240-1

Date Analyzed: 08-28-98
Date Extracted: 08-26-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980828ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28464-011	mg/L	5.0	4.9	98	ND	25	23	8	5.0	29	29	80	80	50-150	0	50	0.15
28464-025	mg/L	5.0	4.9	98	ND	55	57	4	5.0	61	62	120	140	50-150	15	50	0.15
28464-035	mg/L	5.0	5.1	102	ND	1.9	1.1	53	5.0	6.6	6.7	94	96	50-150	2	50	0.15
28464-048	mg/L	5.0	5.0	100	ND	11	11	0	10	21	21	100	100	50-150	0	50	0.15
28464-061	mg/L	5.0	5.0	100	ND	4.2	3.6	15	5.0	9.0	9.1	96	98	50-150	2	50	0.15
28464-078	mg/L	5.0	5.0	100	ND	9.3	13	33	10	19	20	97	107	50-150	10	50	0.15
28464-089	mg/L	5.0	5.0	100	ND	20	20	0	20	40	40	100	100	50-150	0	50	0.15
28464-103	mg/L	5.0	4.8	96	ND	52	53	2	50	93	97	82	90	50-150	9	50	0.15
28464-114	mg/L	5.0	4.8	96	ND	12	12	0	20	32	32	100	100	50-150	0	50	0.15
28464-129	mg/L	5.0	5.1	102	ND	10	16	46	10	21	20	110	100	50-150	10	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 8/28/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80828-2
QA File: 8240-2

Date Analyzed: 08-28-98
Date Extracted: 08-26-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980828ST-2

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-005	mg/L	5.0	5.2	104	ND	35	35	0	5.0	29	29	120	120	50-150	0	50	0.15
28465-018	mg/L	5.0	5.2	104	ND	16	16	0	20	36	36	100	100	50-150	0	50	0.15
28465-028	mg/L	5.0	5.0	100	ND	21	21	0	20	37	32	80	55	50-150	37	50	0.15
28465-040	mg/L	5.0	5.2	104	ND	10	12	18	10	20	20	100	100	50-150	0	50	0.15
28465-058	mg/L	5.0	5.0	100	ND	36	37	3	50	85	88	98	104	50-150	6	50	0.15
28465-070	mg/L	5.0	5.2	104	ND	20	20	0	20	40	40	100	100	50-150	0	50	0.15
28465-082	mg/L	5.0	5.3	106	ND	20	19	5	20	40	40	100	100	50-150	0	50	0.15
28465-095	mg/L	5.0	5.3	106	ND	4.5	6.9	42	5.0	10	10	110	110	50-150	0	50	0.15
28465-101	mg/L	5.0	5.3	106	ND	2.7	2.3	16	5.0	7.4	7.5	94	96	50-150	2	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 8/28/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80908-1
QA File: 8251-1

Date Analyzed: 09-08-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980908ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-084	mg/L	5.0	4.7	94	ND	17	18	6	20	35	35	89	90	50-150	1	50	0.15
28771-012	mg/L	5.0	4.9	98	ND	2.2	3.9	56	5.0	6.8	6.8	92	92	50-150	0	50	0.15
28775-047	mg/L	5.0	5.0	100	ND	1.7	4.3	87	5.0	7.1	7.1	108	108	50-150	0	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/11/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80909-1
QA File: 8252-1

Date Analyzed: 09-09-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: DI WATER EXTRACT
QC Batch Number PBF980909DI-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28464-013	mg/L	5.0	4.7	94	ND	0.22	0.22	0	5.0	4.4	4.4	84	84	50-150	0	50	0.15
28464-030	mg/L	5.0	4.6	92	ND	ND	ND	0	5.0	4.6	4.6	92	92	50-150	0	50	0.15
28464-052	mg/L	5.0	4.6	92	ND	ND	0.25	*	5.0	4.7	4.5	94	90	50-150	4	50	0.15
28464-071	mg/L	5.0	4.1	82	ND	ND	ND	0	5.0	4.4	4.6	88	92	50-150	4	50	0.15
28464-088	mg/L	5.0	4.3	86	ND	ND	ND	0	5.0	4.2	4.2	84	84	50-150	0	50	0.15
28464-104	mg/L	5.0	4.5	90	ND	0.18	ND	*	5.0	4.2	4.2	80	80	50-150	0	50	0.15
28464-122	mg/L	5.0	4.5	90	ND	ND	ND	0	5.0	4.3	4.3	86	86	50-150	0	50	0.15
28464-135	mg/L	5.0	4.6	92	ND	ND	ND	0	5.0	4.4	4.4	88	88	50-150	0	50	0.15

* Sampl result is near/at the detection limit.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/11/98

Advanced Technology Laboratories

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08750-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/18/98
Print Name
Signature: Mark Wanek

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
Samples w/ Total Lead between 50 mg/kg & 1000 mg/kg, analyze via WET. Of those, samples w/ STLC ≥ 5.0 mg/L, analyze via WET-DI.

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-8010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-001	B56-1 - Surface	8/18	8:30	48 hr	1	J G		
	002	B56-2 - 1'		8:32					
	003	B57-1		8:20					
	004	B57-2		8:22					
	005	B57-3		8:24					
	006	B58-1		8:45					
	007	B58-2		8:47					
	008	B58-3		8:52					
	009	B59-1		8:40					
	010	B59-2		8:42					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg ___ of ___

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ___ D.O. # ___
P.O.#: ___
Logged By: ___ Date: ___ Time: ___

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 04730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) ___
TEST: ___
ATL #: ___
DATE: ___
CLIENT I.D. ___

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ___
Co: Same
Address ___
City ___ State ___ Zip ___

Special Instructions/Comments: See Pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ___
☐ Return To: ___
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPHD (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER ___

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-011	B59-2	8/18	8:45	48hr	1	JG		
	012	B60-1 5ft.		9:00					
	013	B60-2 1'		9:03					
	014	B61-1		9:00					
	015	B61-2		9:02					
	016	B61-3		9:05					
	017	B62-1 5ft.		9:22					
	018	B62-2 1'		9:26					
	019	B62-3 2'		9:30					
	020	B63-1		9:35					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-021	B63-2	8/18	9:38	48-h	1	Jar		
	022	B64-1 s		9:38					
	023	B64-2 1'		9:41					
	024	B64-3 3'		9:46					
	025	B65-1		9:43					
	026	B65-2		9:45					
	027	B65-3		9:46					
	028	B66-1 Sfc.		9:57					
	029	B66-2 1'		10:00					
	030	B67-1		10:01					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Page 1 of 11

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID (SOIL) SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28464-031	B67-2	8/18	10:05	48-hr	1	J	G	
	032	B67-3		10:11					
	033	B68-1		10:13					
	034	B68-2		10:15					
	035	B68-3		10:19					
	036	B69-1		10:10					
	037	B69-2		10:12					
	038	B69-3		10:14					
	039	B70-1 Sfc.		10:22					
	040	B70-2 1'		10:25					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Page 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-06 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28464-041	B70-3 2.5'	8/18	10:29	48-hr	1	J 6z		
	042	B71-1		10:29					
	043	B71-2		10:31					
	044	B72-1 Sfc.		10:40					
	045	B72-2 1'		10:43					
	046	B73-1		10:50					
	047	B73-2		10:52					
	048	B74-1 Sfc.		10:59					
	049	B74-2 1'		11:04					
	050	B75-1		11:03					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL; SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

Q A / Q C: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28464-051	B75-2	8/18	11:05	48-hr	1	25 G		
	052	B75-3		11:11					
	053	B76-1		11:18					
	054	B76-2		11:22					
	055	B77-1		11:22					
	056	B77-2		11:27					
	057	B78-1 Sec.		11:29					
	058	B78-2 1'		11:31					
	059	B79-1		11:30					
	060	B79-2		11:35					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kotz
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL; SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

Q A / Q C: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28464-061	B79-3	8/18	11:40	48-hr	1	J	G	
	062	B80-1 Sfc.		11:38					
	063	B80-2 1'		11:43					
	064	B81-1		11:52					
	065	B81-2		11:55					
	066	B82-1 Sfc.		11:49					
	067	B82-2 1'		11:53					
	068	B83-1		12:05					
	069	B83-2		12:10					
	070	B84-1		12:00					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8 / 18 / 98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See Pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH-G/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28464-071	B84-2	8/18	12:06	48-hr	1	J G		
	072	B85-1		12:17					
	073	B85-2		12:19					
	074	B85-3		12:21					
	075	B86-1 5 6c		12:16					
	076	B86-2 1		12:19					
	077	B86-3 1.5'		12:22					
	078	B87-1		12:31					
	079	B87-2		12:40					
	080	B88-1		12:32					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ~~_____~~
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-081	B88-2	8/18	12:34	48-hr	1	5 G		
	082	B89-1		12:44					
	083	B89-2		12:50					
	084	B89-3		12:53					
	085	B90-1		12:46					
	086	B90-2		12:46					
	087	B90-3 1.5'		12:49					
	088	B91-1		12:58					
	089	B91-2		1:06					
	090	B92-3		1:08					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek (Print Name) Date: 8/18/98
Mark Wanek (Signature)

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-091	B92-1	8/18	12:55	48-hr	1	5 6		
	092	B92-2		12:56					
	093	B92-3 2.5'		12:58					
	094	B93-1		2:29					
	095	B93-2		2:33					
	096	B93-3		2:35					
	097	B94-1 Sfc.		2:27					
	098	B94-2 1'		2:30					
	099	B94-3 1.5'		2:32					
	100	B95-1		2:41					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-01 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-101	B95-2	8/18	2:30	48-hr	1	J G		
	102	B96-1		2:43					
	103	B96-2		2:46					
	104	B97-1		3:12					
	105	B97-2		3:13					
	106	B98-1 Sfc		3:10					
	107	B98-2 1		3:13					
	108	B99-1		3:22					
	109	B99-2		3:25					
	110	B99-3		3:27					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Page 2 of [illegible]

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL; SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-111	B100-1 Sfc.	8/18	3:20	48-hr	1	5 G		
	112	B100-2 1'		3:24					
	113	B100-3 1.5'		3:27					
	114	B101-1		3:24					
	115	B101-2		3:26					
	116	B102-1		3:45					
	117	B102-2		3:50					
	118	B102-3		3:57					
	119	B103-1 Sfc		3:53					
	120	B103-2 1'		3:56					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ~~_____~~
Co: same
Address ~~_____~~
City _____ State _____ Zip _____

Special Instructions/Comments: See page 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPHD (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28464-121	B104-1	8/18	4:05	48-hr	1	J G		
	122	B104-2		4:10					
	123	B105-1 Sfc.		4:01					
	124	B105-2 1'		4:10					
	125	B106-1 Sfc.		4:05					
	126	B106-2 1		4:25					
	127	B107-1		4:35					
	128	B107-2		4:39					
	129	B108-1		4:32					
	130	B108-2		4:36					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/18/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg-1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28464-131	B109-1	8/18	4:45	48-hr	1	J G		
	132	B109-2	↓	4:51	↓	↓	↓		
	133	B110-1	↓	4:40	↓	↓	↓		
	134	B110-2	↓	4:42	↓	↓	↓		
	135	B110-3	✓	4:44	↓	↓	↓		

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Advanced Technology
Laboratories

August 25, 1998 ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76
Lab No.: 28465-001/101

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-001	B111-1	EPA 7420 (Lead)	08/25/98	536	Soil, mg/kg	5.0	10	DJ
28465-002	B111-2	EPA 7420 (Lead)	08/25/98	928	Soil, mg/kg	5.0	5.0	DJ
28465-003	B111-3	EPA 7420 (Lead)	08/25/98	377	Soil, mg/kg	5.0	5.0	DJ
28465-004	B112-1	EPA 7420 (Lead)	08/25/98	429	Soil, mg/kg	5.0	5.0	DJ
28465-005	B112-2	EPA 7420 (Lead)	08/25/98	327	Soil, mg/kg	5.0	5.0	DJ
28465-006	B113-1	EPA 7420 (Lead)	08/25/98	452	Soil, mg/kg	5.0	5.0	DJ
28465-007	B113-2	EPA 7420 (Lead)	08/25/98	235	Soil, mg/kg	5.0	5.0	DJ
28465-008	B113-3	EPA 7420 (Lead)	08/25/98	124	Soil, mg/kg	5.0	5.0	DJ
28465-009	B114-1	EPA 7420 (Lead)	08/25/98	2790	Soil, mg/kg	5.0	100	DJ
28465-010	B114-2	EPA 7420 (Lead)	08/25/98	18	Soil, mg/kg	5.0	5.0	DJ
28465-010D	B114-2	EPA 7420 (Lead)	08/25/98	12	Soil, mg/kg	5.0	5.0	DJ
28465-011	B114-3	EPA 7420 (Lead)	08/25/98	35	Soil, mg/kg	5.0	5.0	DJ
28465-012	B115-1	EPA 7420 (Lead)	08/25/98	345	Soil, mg/kg	5.0	5.0	DJ
28465-013	B115-2	EPA 7420 (Lead)	08/25/98	253	Soil, mg/kg	5.0	5.0	DJ
28465-014	B116-1	EPA 7420 (Lead)	08/25/98	138	Soil, mg/kg	5.0	5.0	DJ
28465-015	B116-2	EPA 7420 (Lead)	08/25/98	296	Soil, mg/kg	5.0	5.0	DJ
28465-016	B117-1	EPA 7420 (Lead)	08/25/98	336	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-017	B117-2	EPA 7420 (Lead)	08/25/98	698	Soil, mg/kg	5.0	10	DJ
28465-018	B118-1	EPA 7420 (Lead)	08/25/98	209	Soil, mg/kg	5.0	5.0	DJ
28465-019	B118-2	EPA 7420 (Lead)	08/25/98	814	Soil, mg/kg	5.0	10	DJ
28465-020	B119-1	EPA 7420 (Lead)	08/25/98	812	Soil, mg/kg	5.0	100	DJ
28465-020D	B119-1	EPA 7420 (Lead)	08/25/98	770	Soil, mg/kg	5.0	100	DJ
28465-021	B119-2	EPA 7420 (Lead)	08/25/98	787	Soil, mg/kg	5.0	10	DJ
28465-022	B120-1	EPA 7420 (Lead)	08/25/98	792	Soil, mg/kg	5.0	5.0	DJ
28465-023	B120-2	EPA 7420 (Lead)	08/25/98	88	Soil, mg/kg	5.0	5.0	DJ
28465-024	B121-1	EPA 7420 (Lead)	08/25/98	165	Soil, mg/kg	5.0	5.0	DJ
28465-025	B121-2	EPA 7420 (Lead)	08/25/98	173	Soil, mg/kg	5.0	100	DJ
28465-026	B121-3	EPA 7420 (Lead)	08/25/98	172	Soil, mg/kg	5.0	5.0	DJ
28465-027	B122-1	EPA 7420 (Lead)	08/25/98	114	Soil, mg/kg	5.0	5.0	DJ
28465-028	B122-2	EPA 7420 (Lead)	08/25/98	428	Soil, mg/kg	5.0	5.0	DJ
28465-029	B123-1	EPA 7420 (Lead)	08/25/98	101	Soil, mg/kg	5.0	5.0	DJ
28465-030	B123-2	EPA 7420 (Lead)	08/25/98	113	Soil, mg/kg	5.0	5.0	DJ
28465-030D	B123-2	EPA 7420 (Lead)	08/25/98	105	Soil, mg/kg	5.0	5.0	DJ
28465-031	B124-1	EPA 7420 (Lead)	08/25/98	261	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-032	B124-2	EPA 7420 (Lead)	08/25/98	95	Soil, mg/kg	5.0	5.0	DJ
28465-033	B124-3	EPA 7420 (Lead)	08/25/98	108	Soil, mg/kg	5.0	5.0	DJ
28465-034	B125-1	EPA 7420 (Lead)	08/25/98	108	Soil, mg/kg	5.0	5.0	DJ
28465-035	B125-2	EPA 7420 (Lead)	08/25/98	36	Soil, mg/kg	5.0	5.0	DJ
28465-036	B126-1	EPA 7420 (Lead)	08/25/98	33	Soil, mg/kg	5.0	5.0	DJ
28465-037	B126-2	EPA 7420 (Lead)	08/25/98	106	Soil, mg/kg	5.0	5.0	DJ
28465-038	B126-3	EPA 7420 (Lead)	08/25/98	142	Soil, mg/kg	5.0	5.0	DJ
28465-039	B127-1	EPA 7420 (Lead)	08/25/98	98	Soil, mg/kg	5.0	5.0	DJ
28465-040	B127-2	EPA 7420 (Lead)	08/25/98	256	Soil, mg/kg	5.0	5.0	DJ
28465-040D	B127-2	EPA 7420 (Lead)	08/25/98	264	Soil, mg/kg	5.0	5.0	DJ
28465-041	B127-3	EPA 7420 (Lead)	08/25/98	93	Soil, mg/kg	5.0	5.0	DJ
28465-042	B128-1	EPA 7420 (Lead)	08/25/98	132	Soil, mg/kg	5.0	5.0	DJ
28465-043	B128-2	EPA 7420 (Lead)	08/25/98	12	Soil, mg/kg	5.0	5.0	DJ
28465-044	B128-3	EPA 7420 (Lead)	08/25/98	11	Soil, mg/kg	5.0	5.0	DJ
28465-045	B129-1	EPA 7420 (Lead)	08/25/98	1030	Soil, mg/kg	5.0	30	DJ
28465-046	B129-2	EPA 7420 (Lead)	08/25/98	266	Soil, mg/kg	5.0	5.0	DJ
28465-047	B130-1	EPA 7420 (Lead)	08/25/98	1240	Soil, mg/kg	5.0	30	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-048	B130-2	EPA 7420 (Lead)	08/25/98	17	Soil, mg/kg	5.0	5.0	DJ
28465-049	B130-3	EPA 7420 (Lead)	08/25/98	19	Soil, mg/kg	5.0	5.0	DJ
28465-050	B131-1	EPA 7420 (Lead)	08/25/98	279	Soil, mg/kg	5.0	5.0	DJ
28465-050D	B131-1	EPA 7420 (Lead)	08/25/98	205	Soil, mg/kg	5.0	5.0	DJ
28465-051	B131-2	EPA 7420 (Lead)	08/25/98	21	Soil, mg/kg	5.0	5.0	DJ
28465-052	B132-1	EPA 7420 (Lead)	08/25/98	316	Soil, mg/kg	5.0	5.0	DJ
28465-053	B132-2	EPA 7420 (Lead)	08/25/98	20	Soil, mg/kg	5.0	5.0	DJ
28465-054	B133-1	EPA 7420 (Lead)	08/25/98	188	Soil, mg/kg	5.0	5.0	DJ
28465-055	B133-2	EPA 7420 (Lead)	08/25/98	634	Soil, mg/kg	5.0	10	DJ
28465-056	B133-3	EPA 7420 (Lead)	08/25/98	203	Soil, mg/kg	5.0	5.0	DJ
28465-057	B134-1	EPA 7420 (Lead)	08/25/98	271	Soil, mg/kg	5.0	5.0	DJ
28465-058	B134-2	EPA 7420 (Lead)	08/25/98	684	Soil, mg/kg	5.0	5.0	DJ
28465-059	B134-3	EPA 7420 (Lead)	08/25/98	47	Soil, mg/kg	5.0	5.0	DJ
28465-060	B135-1	EPA 7420 (Lead)	08/25/98	165	Soil, mg/kg	5.0	5.0	DJ
28465-060D	B135-1	EPA 7420 (Lead)	08/25/98	129	Soil, mg/kg	5.0	5.0	DJ
28465-061	B135-2	EPA 7420 (Lead)	08/25/98	53	Soil, mg/kg	5.0	5.0	DJ
28465-062	B136-1	EPA 7420 (Lead)	08/25/98	75	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-063	B136-2	EPA 7420 (Lead)	08/25/98	74	Soil, mg/kg	5.0	5.0	DJ
28465-064	B136-3	EPA 7420 (Lead)	08/25/98	79	Soil, mg/kg	5.0	5.0	DJ
28465-065	B137-1	EPA 7420 (Lead)	08/25/98	201	Soil, mg/kg	5.0	5.0	DJ
28465-066	B137-2	EPA 7420 (Lead)	08/25/98	183	Soil, mg/kg	5.0	5.0	DJ
28465-067	B138-1	EPA 7420 (Lead)	08/25/98	476	Soil, mg/kg	5.0	5.0	DJ
28465-068	B138-2	EPA 7420 (Lead)	08/25/98	168	Soil, mg/kg	5.0	5.0	DJ
28465-069	B138-3	EPA 7420 (Lead)	08/25/98	10	Soil, mg/kg	5.0	5.0	DJ
28465-070	B139-1	EPA 7420 (Lead)	08/25/98	298	Soil, mg/kg	5.0	5.0	DJ
28465-070D	B139-1	EPA 7420 (Lead)	08/25/98	292	Soil, mg/kg	5.0	5.0	DJ
28465-071	B139-2	EPA 7420 (Lead)	08/25/98	722	Soil, mg/kg	5.0	10	DJ
28465-072	B140-1	EPA 7420 (Lead)	08/25/98	209	Soil, mg/kg	5.0	5.0	DJ
28465-073	B140-2	EPA 7420 (Lead)	08/25/98	209	Soil, mg/kg	5.0	5.0	DJ
28465-074	B140-3	EPA 7420 (Lead)	08/25/98	80	Soil, mg/kg	5.0	5.0	DJ
28465-075	B141-1	EPA 7420 (Lead)	08/25/98	178	Soil, mg/kg	5.0	5.0	DJ
28465-076	B141-2	EPA 7420 (Lead)	08/25/98	978	Soil, mg/kg	5.0	20	DJ
28465-077	B141-3	EPA 7420 (Lead)	08/25/98	140	Soil, mg/kg	5.0	5.0	DJ
28465-078	B142-1	EPA 7420 (Lead)	08/25/98	1000	Soil, mg/kg	5.0	20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-079	B142-2	EPA 7420 (Lead)	08/25/98	319	Soil, mg/kg	5.0	5.0	DJ
28465-080	B142-3	EPA 7420 (Lead)	08/25/98	29	Soil, mg/kg	5.0	5.0	DJ
28465-080D	B142-3	EPA 7420 (Lead)	08/25/98	32	Soil, mg/kg	5.0	5.0	DJ
28465-081	B143-1	EPA 7420 (Lead)	08/25/98	178	Soil, mg/kg	5.0	5.0	DJ
28465-082	B143-2	EPA 7420 (Lead)	08/25/98	308	Soil, mg/kg	5.0	5.0	DJ
28465-083	B144-1	EPA 7420 (Lead)	08/25/98	918	Soil, mg/kg	5.0	20	DJ
28465-084	B144-2	EPA 7420 (Lead)	08/25/98	246	Soil, mg/kg	5.0	5.0	DJ
28465-085	B144-3	EPA 7420 (Lead)	08/25/98	239	Soil, mg/kg	5.0	5.0	DJ
28465-086	B145-1	EPA 7420 (Lead)	08/25/98	634	Soil, mg/kg	5.0	5.0	DJ
28465-087	B145-2	EPA 7420 (Lead)	08/25/98	170	Soil, mg/kg	5.0	5.0	DJ
28465-088	B146-1	EPA 7420 (Lead)	08/25/98	1400	Soil, mg/kg	5.0	30	DJ
28465-089	B146-2	EPA 7420 (Lead)	08/25/98	93	Soil, mg/kg	5.0	5.0	DJ
28465-090	B146-3	EPA 7420 (Lead)	08/25/98	29	Soil, mg/kg	5.0	5.0	DJ
28465-090D	B146-3	EPA 7420 (Lead)	08/25/98	26	Soil, mg/kg	5.0	5.0	DJ
28465-091	B147-1	EPA 7420 (Lead)	08/25/98	420	Soil, mg/kg	5.0	5.0	DJ
28465-092	B147-2	EPA 7420 (Lead)	08/25/98	103	Soil, mg/kg	5.0	5.0	DJ
28465-093	B147-3	EPA 7420 (Lead)	08/25/98	67	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-094	B149-1	EPA 7420 (Lead)	08/25/98	1500	Soil, mg/kg	5.0	30	DJ
28465-095	B149-2	EPA 7420 (Lead)	08/25/98	136	Soil, mg/kg	5.0	5.0	DJ
28465-096	B149-3	EPA 7420 (Lead)	08/25/98	507	Soil, mg/kg	5.0	5.0	DJ
28465-097	B148-1	EPA 7420 (Lead)	08/25/98	151	Soil, mg/kg	5.0	5.0	DJ
28465-098	B148-2	EPA 7420 (Lead)	08/25/98	23	Soil, mg/kg	5.0	5.0	DJ
28465-099	B150-1	EPA 7420 (Lead)	08/25/98	584	Soil, mg/kg	5.0	10	DJ
28465-100	B150-2	EPA 7420 (Lead)	08/25/98	35	Soil, mg/kg	5.0	5.0	DJ
28465-100D	B150-2	EPA 7420 (Lead)	08/25/98	160	Soil, mg/kg	5.0	5.0	DJ
28465-101	B150-3	EPA 7420 (Lead)	08/25/98	58	Soil, mg/kg	5.0	5.0	DJ
28465-101D	B150-3	EPA 7420 (Lead)	08/25/98	54	Soil, mg/kg	5.0	100	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/25/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-001	B111-1	EPA 7420 (Lead)	08/28/98	43	STLC Extract, mg/L	0.20	2.0	DJ
28465-002	B111-2	EPA 7420 (Lead)	08/28/98	71	STLC Extract, mg/L	0.20	2.0	DJ
28465-003	B111-3	EPA 7420 (Lead)	08/28/98	35	STLC Extract, mg/L	0.20	2.0	DJ
28465-004	B112-1	EPA 7420 (Lead)	08/28/98	34	STLC Extract, mg/L	0.20	2.0	DJ
28465-005	B112-2	EPA 7420 (Lead)	08/28/98	35	STLC Extract, mg/L	0.20	2.0	DJ
28465-005D	B112-2	EPA 7420 (Lead)	08/28/98	35	STLC Extract, mg/L	0.20	2.0	DJ
28465-006	B113-1	EPA 7420 (Lead)	08/28/98	28	STLC Extract, mg/L	0.20	2.0	DJ
28465-007	B113-2	EPA 7420 (Lead)	08/28/98	11	STLC Extract, mg/L	0.20	2.0	DJ
28465-008	B113-3	EPA 7420 (Lead)	08/28/98	6.9	STLC Extract, mg/L	0.20	2.0	DJ
28465-012	B115-1	EPA 7420 (Lead)	08/28/98	22	STLC Extract, mg/L	0.20	2.0	DJ
28465-013	B115-2	EPA 7420 (Lead)	08/28/98	18	STLC Extract, mg/L	0.20	2.0	DJ
28465-014	B116-1	EPA 7420 (Lead)	08/28/98	6.0	STLC Extract, mg/L	0.20	2.0	DJ
28465-015	B116-2	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.20	2.0	DJ
28465-016	B117-1	EPA 7420 (Lead)	08/28/98	21	STLC Extract, mg/L	0.20	2.0	DJ
28465-017	B117-2	EPA 7420 (Lead)	08/28/98	50	STLC Extract, mg/L	0.20	2.0	DJ
28465-018	B118-1	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.20	2.0	DJ
28465-018D	B118-1	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.20	2.0	DJ
28465-019	B118-2	EPA 7420 (Lead)	08/28/98	53	STLC Extract, mg/L	0.20	2.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/28/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/10/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-020	B119-1	EPA 7420 (Lead)	08/28/98	4.8	STLC Extract, mg/L	0.20	0.20	DJ
28465-021	B119-2	EPA 7420 (Lead)	08/28/98	51	STLC Extract, mg/L	0.20	2.0	DJ
28465-022	B120-1	EPA 7420 (Lead)	08/28/98	10	STLC Extract, mg/L	0.20	0.20	DJ
28465-023	B120-2	EPA 7420 (Lead)	08/28/98	4.8	STLC Extract, mg/L	0.20	0.20	DJ
28465-024	B121-1	EPA 7420 (Lead)	08/28/98	9.0	STLC Extract, mg/L	0.20	0.20	DJ
28465-025	B121-2	EPA 7420 (Lead)	08/28/98	9.6	STLC Extract, mg/L	0.20	0.20	DJ
28465-026	B121-3	EPA 7420 (Lead)	08/28/98	15	STLC Extract, mg/L	0.20	0.30	DJ
28465-027	B122-1	EPA 7420 (Lead)	08/28/98	7.4	STLC Extract, mg/L	0.20	0.20	DJ
28465-028	B122-2	EPA 7420 (Lead)	08/28/98	21	STLC Extract, mg/L	0.20	0.30	DJ
28465-028D	B122-2	EPA 7420 (Lead)	08/28/98	21	STLC Extract, mg/L	0.20	0.20	DJ
28465-029	B123-1	EPA 7420 (Lead)	08/28/98	5.0	STLC Extract, mg/L	0.20	0.20	DJ
28465-030	B123-2	EPA 7420 (Lead)	08/28/98	5.4	STLC Extract, mg/L	0.20	0.20	DJ
28465-031*	B124-1	EPA 7420 (Lead)	09/08/98	21	STLC Extract, mg/L	0.20	0.60	DJ
28465-032	B124-2	EPA 7420 (Lead)	08/28/98	8.8	STLC Extract, mg/L	0.20	0.20	DJ
28465-033	B124-3	EPA 7420 (Lead)	08/28/98	6.3	STLC Extract, mg/L	0.20	0.20	DJ
28465-034	B125-1	EPA 7420 (Lead)	08/28/98	7.3	STLC Extract, mg/L	0.20	0.20	DJ
28465-037	B126-2	EPA 7420 (Lead)	08/28/98	9.2	STLC Extract, mg/L	0.20	0.20	DJ
28465-038	B126-3	EPA 7420 (Lead)	08/28/98	8.4	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Extraction Date: 09/06/98

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-039	B127-1	EPA 7420 (Lead)	08/28/98	7.5	STLC Extract, mg/L	0.20	0.20	DJ
28465-040	B127-2	EPA 7420 (Lead)	08/28/98	10	STLC Extract, mg/L	0.20	0.20	DJ
28465-040D	B127-2	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.20	0.20	DJ
28465-041	B127-3	EPA 7420 (Lead)	08/28/98	3.7	STLC Extract, mg/L	0.20	0.20	DJ
28465-042	B128-1	EPA 7420 (Lead)	08/28/98	8.2	STLC Extract, mg/L	0.20	0.20	DJ
28465-046	B129-2	EPA 7420 (Lead)	08/28/98	17	STLC Extract, mg/L	0.20	0.30	DJ
28465-050	B131-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.20	0.30	DJ
28465-052	B132-1	EPA 7420 (Lead)	08/28/98	21	STLC Extract, mg/L	0.20	0.30	DJ
28465-054	B133-1	EPA 7420 (Lead)	08/28/98	9.5	STLC Extract, mg/L	0.20	0.20	DJ
28465-055	B133-2	EPA 7420 (Lead)	08/28/98	56	STLC Extract, mg/L	0.20	2.0	DJ
28465-056	B133-3	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.20	0.30	DJ
28465-057	B134-1	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.20	0.30	DJ
28465-058	B134-2	EPA 7420 (Lead)	08/28/98	36	STLC Extract, mg/L	0.20	2.0	DJ
28465-058D	B134-2	EPA 7420 (Lead)	08/28/98	37	STLC Extract, mg/L	0.20	2.0	DJ
28465-060	B135-1	EPA 7420 (Lead)	08/28/98	11	STLC Extract, mg/L	0.20	0.30	DJ
28465-061	B135-2	EPA 7420 (Lead)	08/28/98	2.0	STLC Extract, mg/L	0.20	0.20	DJ
28465-062	B136-1	EPA 7420 (Lead)	08/28/98	3.7	STLC Extract, mg/L	0.20	0.20	DJ
28465-063	B136-2	EPA 7420 (Lead)	08/28/98	4.5	STLC Extract, mg/L	0.20	2.00	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/28/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results,	Matrix, Units	MDL	DLR	Analyst
28465-064	B136-3	EPA 7420 (Lead)	08/28/98	4.1	STLC Extract, mg/L	0.20	0.20	DJ
28465-065	B137-1	EPA 7420 (Lead)	08/28/98	11	STLC Extract, mg/L	0.20	0.20	DJ
28465-066	B137-2	EPA 7420 (Lead)	08/28/98	7.1	STLC Extract, mg/L	0.20	0.20	DJ
28465-067	B138-1	EPA 7420 (Lead)	08/28/98	37	STLC Extract, mg/L	0.20	2.0	DJ
28465-068	B138-2	EPA 7420 (Lead)	08/28/98	8.5	STLC Extract, mg/L	0.20	0.20	DJ
28465-070	B139-1	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.20	0.20	DJ
28465-070D	B139-1	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.20	0.20	DJ
28465-071	B139-2	EPA 7420 (Lead)	08/28/98	4.2	STLC Extract, mg/L	0.20	0.20	DJ
28465-072	B140-1	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.20	0.30	DJ
28465-073	B140-2	EPA 7420 (Lead)	08/28/98	12	STLC Extract, mg/L	0.20	0.30	DJ
28465-074	B140-3	EPA 7420 (Lead)	08/28/98	4.9	STLC Extract, mg/L	0.20	0.20	DJ
28465-075	B141-1	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.20	0.30	DJ
28465-076	B141-2	EPA 7420 (Lead)	08/28/98	82	STLC Extract, mg/L	0.20	2.0	DJ
28465-077	B141-3	EPA 7420 (Lead)	08/28/98	16	STLC Extract, mg/L	0.20	0.30	DJ
28465-079	B142-2	EPA 7420 (Lead)	08/28/98	24	STLC Extract, mg/L	0.20	0.50	DJ
28465-081	B143-1	EPA 7420 (Lead)	08/28/98	8.3	STLC Extract, mg/L	0.20	0.60	DJ
28465-082	B143-2	EPA 7420 (Lead)	08/28/98	20	STLC Extract, mg/L	0.20	0.60	DJ
28465-082D	B143-2	EPA 7420 (Lead)	08/28/98	19	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/28/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 08/26/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/10/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-083	B144-1	EPA 7420 (Lead)	08/28/98	61	STLC Extract, mg/L	0.20	2.0	DJ
28465-084*	B144-2	EPA 7420 (Lead)	09/08/98	17	STLC Extract, mg/L	0.20	0.45	DJ
28465-085	B144-3	EPA 7420 (Lead)	08/28/98	15	STLC Extract, mg/L	0.20	0.30	DJ
28465-086*	B145-1	EPA 7420 (Lead)	09/08/98	65	STLC Extract, mg/L	0.20	0.45	DJ
28465-087	B145-2	EPA 7420 (Lead)	08/28/98	15	STLC Extract, mg/L	0.20	0.30	DJ
28465-089	B146-2	EPA 7420 (Lead)	08/28/98	5.8	STLC Extract, mg/L	0.20	0.20	DJ
28465-091	B147-1	EPA 7420 (Lead)	08/28/98	30	STLC Extract, mg/L	0.20	0.50	DJ
28465-092	B147-2	EPA 7420 (Lead)	08/28/98	4.9	STLC Extract, mg/L	0.20	0.20	DJ
28465-093	B147-3	EPA 7420 (Lead)	08/28/98	4.2	STLC Extract, mg/L	0.20	0.20	DJ
28465-095	B149-2	EPA 7420 (Lead)	08/28/98	4.5	STLC Extract, mg/L	0.20	0.20	DJ
28465-095D	B149-2	EPA 7420 (Lead)	08/28/98	6.9	STLC Extract, mg/L	0.20	0.20	DJ
28465-096	B149-3	EPA 7420 (Lead)	08/28/98	42	STLC Extract, mg/L	0.20	2.0	DJ
28465-097	B148-1	EPA 7420 (Lead)	08/28/98	17	STLC Extract, mg/L	0.20	0.30	DJ
28465-099	B150-1	EPA 7420 (Lead)	08/28/98	56	STLC Extract, mg/L	0.20	2.0	DJ
28465-100	B150-2	EPA 7420 (Lead)	08/28/98	3.9	STLC Extract, mg/L	0.20	0.20	DJ
28465-101	B150-3	EPA 7420 (Lead)	08/28/98	2.7	STLC Extract, mg/L	0.20	0.20	DJ
28465-101D	B150-3	EPA 7420 (Lead)	08/28/98	2.3	STLC Extract, mg/L	0.20	0.20	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Extraction Date: 09/06/98

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-001	B111-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-002	B111-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-003	B111-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-004	B112-1	EPA 7420 (Lead)	09/10/98	0.44	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-005	B112-2	EPA 7420 (Lead)	09/10/98	0.43	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-006	B113-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-007	B113-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-008	B113-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-012	B115-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-013	B115-2	EPA 7420 (Lead)	09/10/98	0.18	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-013dup	B115-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-014	B116-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-015	B116-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-016	B117-1	EPA 7420 (Lead)	09/10/98	0.17	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-017	B117-2	EPA 7420 (Lead)	09/10/98	0.68	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-018	B118-1	EPA 7420 (Lead)	09/10/98	0.16	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-019	B118-2	EPA 7420 (Lead)	09/10/98	1.0	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified
Date Amended: 09/11/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-021	B119-2	EPA 7420 (Lead)	09/10/98	0.53	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-022	B120-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-024	B121-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-025	B121-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-025dup	B121-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-026	B121-3	EPA 7420 (Lead)	09/10/98	0.16	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-027	B122-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-028	B122-2	EPA 7420 (Lead)	09/10/98	0.17	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-029	B123-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-030	B123-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-031	B124-1	EPA 7420 (Lead)	09/10/98	0.63	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-032	B124-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-033	B124-3 1.5'	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-034	B125-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-037	B126-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-037dup	B126-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-038	B126-3 2'	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
Department Supervisor

Date: 9/11/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-039	B127-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-040	B127-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-042	B128-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-046	B129-2	EPA 7420 (Lead)	09/10/98	0.18	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-050	B131-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-052	B132-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-054	B133-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-055	B133-2	EPA 7420 (Lead)	09/10/98	0.27	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-056	B133-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-056dup	B133-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-057	B134-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-058	B134-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-060	B135-1	EPA 7420 (Lead)	09/10/98	0.21	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-065	B137-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-066	B137-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-067	B138-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-068	B138-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-070	B139-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-072	B140-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-073	B140-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-073dup	B140-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-075	B141-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-076	B141-2	EPA 7420 (Lead)	09/10/98	0.33	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-077	B141-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-079	B142-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-081	B143-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-082	B143-2	EPA 7420 (Lead)	09/10/98	0.52	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-083	B144-1	EPA 7420 (Lead)	09/10/98	0.17	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-084	B144-2	EPA 7420 (Lead)	09/10/98	0.45	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-085	B144-3	EPA 7420 (Lead)	09/10/98	0.30	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-086	B145-1	EPA 7420 (Lead)	09/10/98	0.74	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-086dup	B145-1	EPA 7420 (Lead)	09/10/98	0.58	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-087	B145-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-089	B146-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/21/98
Date Sampled: 08/19/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28465-091	B147-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-096	B149-3 1.5'	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-097	B148-1 5'	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28465-099	B150-1	EPA 7420 (Lead)	09/10/98	0.49	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80828-2
QA File: 8240-2

Date Analyzed: 08-28-98
Date Extracted: 08-26-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980828ST-2

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-005	mg/L	5.0	5.2	104	ND	35	35	0	5.0	29	29	120	120	50-150	0	50	0.15
28465-018	mg/L	5.0	5.2	104	ND	16	16	0	20	36	36	100	100	50-150	0	50	0.15
28465-028	mg/L	5.0	5.0	100	ND	21	21	0	20	37	32	80	55	50-150	37	50	0.15
28465-040	mg/L	5.0	5.2	104	ND	10	12	18	10	20	20	100	100	50-150	0	50	0.15
28465-058	mg/L	5.0	5.0	100	ND	36	37	3	50	85	88	98	104	50-150	6	50	0.15
28465-070	mg/L	5.0	5.2	104	ND	20	20	0	20	40	40	100	100	50-150	0	50	0.15
28465-082	mg/L	5.0	5.3	106	ND	20	19	5	20	40	40	100	100	50-150	0	50	0.15
28465-095	mg/L	5.0	5.3	106	ND	4.5	6.9	42	5.0	10	10	110	110	50-150	0	50	0.15
28465-101	mg/L	5.0	5.3	106	ND	2.7	2.3	16	5.0	7.4	7.5	94	96	50-150	2	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 8/28/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420(Lead)
Analyst: CDR/DJ
Data File: AA80825-1
QA File: 8237-1

Date Analyzed: 08-25-98
Date Digested: 08-25-98
Sample ID: SEE BELOW
Matrix: SOIL

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-010	mg/kg	5.0	5.0	100	ND	18	12	40	250	250	239	93	88	51 - 124	5	50	5.0
28465-020*	mg/kg	5.0	5.0	100	ND	812	770	5	250	955	860	57	19	51 - 124	99	50	5.0
28465-030	mg/kg	5.0	4.8	96	ND	113	105	7	250	289	356	70	97	51 - 124	32	50	5.0
28465-040	mg/kg	5.0	5.2	104	ND	256	264	3	250	453	396	79	56	51 - 124	34	50	5.0
28465-050*	mg/kg	5.0	5.0	100	ND	279	205	31	250	398	472	48	77	51 - 124	47	50	5.0
28465-060	mg/kg	5.0	4.9	98	ND	165	129	24	250	347	420	73	102	51 - 124	33	50	5.0
28465-070	mg/kg	5.0	5.1	102	ND	298	292	2	250	496	606	79	123	51 - 124	43	50	5.0
28465-080	mg/kg	5.0	5.0	100	ND	29	32	10	250	229	251	80	89	51 - 124	10	50	5.0
28465-090	mg/kg	5.0	5.0	100	ND	29	26	11	250	262	253	93	90	51 - 124	4	50	5.0
28465-100	mg/kg	5.0	5.0	100	ND	35	160	128	250	283	293	99	103	51 - 124	4	50	5.0
28465-101	mg/kg	5.0	5.2	104	ND	58	54	7	250	263	260	82	81	51 - 124	1	50	5.0

* MS/MSD Recovery and RPD out of specifications due to matrix interference.

Approved by: David J. Kern
Inorganics Supervisor

Date: 8/25/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA 6010 (Lead)
Analyst: LP
Data File: ICP80908-1
QA File: 8251-1

Date Analyzed: 9/8/98
Date Digested: 9/8/98
Sample ID: See below
Matrix: Soil
QAQC Batch No: ICP980908S-1

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC	RPD	RPD Limit	MDL
28795-010*	mg/kg	5.0	5.2	104	ND	ND	19	200	175	188	125	107	71	68-106	40	20	5
28795-016*	mg/kg	5.0	4.7	94	ND	28	18	45	175	126	169	56	81	68-106	36	20	5
28791-010*	mg/kg	5.0	5.0	100	ND	23	18	22	175	119	151	55	73	68-106	28	20	5
28791-020	mg/kg	5.0	4.2	84	ND	ND	17	200	175	139	150	80	86	68-106	7	20	5'
28791-030	mg/kg	5.0	4.7	94	ND	28	15	59	175	184	192	89	94	68-106	5	20	5
28791-032	mg/kg	5.0	4.8	96	ND	ND	ND	0	175	161	174	92	99	68-106	7	20	5

* REC and RPD out of the limit is due to the sample matrix.

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/10/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80910-1
QA File: 8253-1

Date Analyzed: 09-10-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: DI WATER EXTRACT
QC Batch Number PBF980910DI-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-013	mg/L	5.0	5.0	100	ND	0.18	ND	*	5.0	4.9	4.9	94	94	50-150	0	50	0.15
28465-025	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	5.0	5.0	100	100	50-150	0	50	0.15
28465-037	mg/L	5.0	5.1	102	ND	ND	ND	0	5.0	5.1	5.1	102	102	50-150		50	0.15
28465-056	mg/L	5.0	4.8	96	ND	ND	ND	0	5.0	5.0	5.1	100	102	50-150	2	50	0.15
28465-073	mg/L	5.0	4.9	98	ND	ND	ND	0	5.0	4.6	4.6	92	92	50-150	0	50	0.15
28465-086	mg/L	5.0	4.9	98	ND	0.74	0.58	24	5.0	4.8	4.8	81	81	50-150	0	50	0.15
28500-006	mg/L	5.0	4.8	96	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15
28500-024	mg/L	5.0	4.9	98	ND	ND	ND	0	5.0	4.8	4.8	96	96	50-150	0	50	0.15
28500-042	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15
28500-058	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15
28500-082	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	5.0	5.0	100	100	50-150	0	50	0.15
28500-112	mg/L	5.0	5.1	102	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15

* Sampl result is near/at the detection limit.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/10/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80908-1
QA File: 8251-1

Date Analyzed: 09-08-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980908ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-084	mg/L	5.0	4.7	94	ND	17	18	6	20	35	35	89	90	50-150	1	50	0.15
28771-012	mg/L	5.0	4.9	98	ND	2.2	3.9	56	5.0	6.8	6.8	92	92	50-150	0	50	0.15
28775-047	mg/L	5.0	5.0	100	ND	1.7	4.3	87	5.0	7.1	7.1	108	108	50-150	0	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/10/98

Advanced Technology Laboratories

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT)
TEST:
ATL #:
DATE:
CLIENT I.D.

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/19/98
Print Name
Signature: Mark Wanek

Send Report To:
Attn: Same
Co:
Address
City State Zip

Special Instructions/Comments: Samples w/ Total Lead between 50 mg/kg & 1000 mg/kg, analyze via WET. of those samples w/ STLC ≥ 5.0 mg/L, analyze via WET-DI!

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28465-001	B111-1	8/19	9:10	48h	1	5 G		
	002	B111-2		9:12					
	03	B111-3		9:14					
	04	B112-1		9:02					
	05	B112-2		9:06					
	06	B113-1		9:18					
	07	B113-2		9:20					
	08	B113-3		9:27					
	09	B114-1		9:15					
	010	B114-2		9:18					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 2 of 2

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ~
Co: Same
Address ~
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH/G/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28465-11	B114-3 1.5'	8/19	9:21	48-hr	1	5 G		
	12	B115-1		9:32					
	13	B115-2		9:37					
	14	B116-1		9:29					
	15	B116-2		9:33					
	16	B117-1		9:45					
	17	B117-2		9:48					
	18	B118-1		9:40					
	19	B118-2		9:43					
	020	B119-1		9:55					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ~~_____~~
Co: Same
Address ~~_____~~
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH(G)BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28465-21	B119-2	8/19	9:59	48 hr	1	JG		
	22	B120-1		9:54					
	23	B120-2		9:58					
	24	B121-1		10:15					
	25	B121-2		10:18					
	26	B121-3		10:27					
	27	B122-1		10:04					
	28	B122-2		10:10					
	29	B123-1		10:25					
	030	B123-2		10:30					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Klotz
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-8010/7000); PY

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

PRESERVATION

Q A / Q C: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals-Total	PY	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	78465-31	B124-1	8/19	10:22										X									48-hr	1	J Gc		
	32	B124-2		10:26																							
	33	B124-3 1.5'		10:29																							
	34	B125-1		10:38																							
	35	B125-2		10:45																							
	36	B126-1		10:36																							
	37	B126-2		10:44																							
	38	B126-3 2'		10:48																							
	39	B127-1		10:55																							
	040	B127-2		11:00																							

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kleth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	Analysis	Matrix	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28465-41	B127-3	8/19	11:05	Pb	SOIL	48-hr	1	5 G		
	42	B128-1		10:55							
	43	B128-2		10:57							
	44	B128-3		11:00							
	45	B129-1		11:14							
	46	B129-2		11:19							
	47	B130-1		11:10							
	48	B130-2		11:18							
	49	B130-3		11:20							
	050	B131-1		11:33							

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ~~_____~~
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020/BTEX	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals-Total Pb	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28465-51	B131-2	8/19	11:40										X			X					48hr	1	5 G		
	52	B132-1		11:28																						
	53	B132-2		11:32																						
	54	B133-1		11:45																						
	55	B133-2		11:50																						
	56	B133-3		11:54																						
	57	B134-1		11:41																						
	58	B134-2		11:44																						
	59	B134-3		11:49																						
	060	B135-1		12:01																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH-G/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010 (Halogenated Volatiles-GC)	602/8020/BTEX (Aromatic Volatiles-GC)	608/8080 (Pesticides/PCB-GC)	624/8240 (Volatiles-GC/MS)	8260 (Volatiles-GC/MS)	625/8270 (BNA-GC/MS)	8015M TPH-G/BTEX(COMBINATION)	8015M TPH/D (Diesel-GC)	418.1 (TPH-IR)	Metals-Total (CAC-6010/7000) Pb	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	281165-61	B 135-2	8/19	12:07										X								48hr	1	5 Gr		
	62	B 136-1		11:58																						
	63	B 136-2		12:05																						
	64	B 136-3		12:12																						
	65	B 137-1		12:19																						
	66	B 137-2		12:26																						
	67	B 138-1		12:18																						
	68	B 138-2		12:22																						
	69	B 138-3		12:26																						
	070	B 139-1		12:35																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: ~~Rte 10~~ Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/19/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

Q A / Q C: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	Metals-Total (Pb)	SOLID • SOIL • SLUDGE	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28465-71	B139-2	8/19	12:40	X	X	48-hr	1	J G		
	72	B140-1		12:34							
	73	B140-2		12:36							
	74	B140-3		12:39							
	75	B141-1		12:44							
	76	B141-2		12:45							
	77	B141-3		12:51							
	78	B142-1		2:24							
	79	B142-2		2:25							
	080	B142-3		2:28							

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/19/98
Print Name
Signature: Mark Wanek

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg-1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL; SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	Metals-Total (CAC-6010/7000) Pb	SOIL	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28465-81	B143-1 Sfc	8/19	2:57	X		48hr	1	5 G		
	82	B143-2 1'		2:47							
	83	B144-1 sfc		2:55							
	84	B144-2 1		3:02							
	85	B144-3 1½'		3:06							
	86	B145-1 S		2:53							
	87	B145-2 1		2:55							
	88	B146-1 S		1510							
	89	B146-2 1		1512							
	090	B146-3 2'		1518							

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/19/98
Print Name
Signature: Mark Wanek

Send Report To:
Attn: SAME
Co:
Address
City State Zip

Special Instructions/Comments: See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	Metals	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28465-91	B147-1 5	8/19	3:00	X	48 hr	1	5 G		
	92	B147-2 1		3:10						
	93	B147-3 1½'		3:13						
	94	B148-1 5fc.		3:21						
	95	B149-2 1'		3:25						
	96	B149-3 1.5'		3:28						
	97	B148-1 5fc.		3:25						
	98	B148-2 1'		3:27						
	99	B150-1		3:30						
	100	B150-2		3:35						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn:
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Project #: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
_____ Date: ___/___/___
Print Name
_____
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28465-101	B150-3 3'	8/19	3:40					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Advanced Technology
Laboratories

August 26, 1998

ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76
Lab No.: 28500-001/113

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample ID	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-001	B151-1	EPA 7420 (Lead)	08/26/98	825	Soil, mg/kg	5.0	20	DJ
28500-002	B151-2	EPA 7420 (Lead)	08/26/98	135	Soil, mg/kg	5.0	5.0	DJ
28500-003	B152-1	EPA 7420 (Lead)	08/26/98	145	Soil, mg/kg	5.0	5.0	DJ
28500-004	B152-2	EPA 7420 (Lead)	08/26/98	39	Soil, mg/kg	5.0	5.0	DJ
28500-005	B153-1	EPA 7420 (Lead)	08/26/98	62	Soil, mg/kg	5.0	5.0	DJ
28500-006	B153-2	EPA 7420 (Lead)	08/26/98	223	Soil, mg/kg	5.0	5.0	DJ
28500-007	B153-3	EPA 7420 (Lead)	08/26/98	212	Soil, mg/kg	5.0	5.0	DJ
28500-008	B154-1	EPA 7420 (Lead)	08/26/98	283	Soil, mg/kg	5.0	5.0	DJ
28500-009	B154-2	EPA 7420 (Lead)	08/26/98	77	Soil, mg/kg	5.0	5.0	DJ
28500-010	B154-3	EPA 7420 (Lead)	08/26/98	49	Soil, mg/kg	5.0	5.0	DJ
28500-010D	B154-3	EPA 7420 (Lead)	08/26/98	58	Soil, mg/kg	5.0	5.0	DJ
28500-011	B155-1	EPA 7420 (Lead)	08/26/98	154	Soil, mg/kg	5.0	5.0	DJ
28500-012	B155-2	EPA 7420 (Lead)	08/26/98	82	Soil, mg/kg	5.0	5.0	DJ
28500-013	B156-1	EPA 7420 (Lead)	08/26/98	437	Soil, mg/kg	5.0	5.0	DJ
28500-014	B156-2	EPA 7420 (Lead)	08/26/98	230	Soil, mg/kg	5.0	5.0	DJ
28500-015	B157-1	EPA 7420 (Lead)	08/26/98	1230	Soil, mg/kg	5.0	5.0	DJ
28500-016	B157-2	EPA 7420 (Lead)	08/26/98	101	Soil, mg/kg	5.0	5.0	DJ
28500-017	B158-1	EPA 7420 (Lead)	08/26/98	1360	Soil, mg/kg	5.0	30	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20-21/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-018	B158-2	EPA 7420 (Lead)	08/26/98	328	Soil, mg/kg	5.0	5.0	DJ
28500-019	B159-1	EPA 7420 (Lead)	08/26/98	109	Soil, mg/kg	5.0	5.0	DJ
28500-020	B159-2	EPA 7420 (Lead)	08/26/98	110	Soil, mg/kg	5.0	5.0	DJ
28500-020D	B159-2	EPA 7420 (Lead)	08/26/98	60	Soil, mg/kg	5.0	5.0	DJ
28500-021	B160-1	EPA 7420 (Lead)	08/26/98	1270	Soil, mg/kg	5.0	20	DJ
28500-022	B160-2	EPA 7420 (Lead)	08/26/98	762	Soil, mg/kg	5.0	20	DJ
28500-023	B161-1	EPA 7420 (Lead)	08/26/98	1110	Soil, mg/kg	5.0	20	DJ
28500-024	B161-2	EPA 7420 (Lead)	08/26/98	158	Soil, mg/kg	5.0	5.0	DJ
28500-025	B162-1	EPA 7420 (Lead)	08/26/98	1540	Soil, mg/kg	5.0	30	DJ
28500-026	B162-2	EPA 7420 (Lead)	08/26/98	348	Soil, mg/kg	5.0	5.0	DJ
28500-027	B162-3	EPA 7420 (Lead)	08/26/98	107	Soil, mg/kg	5.0	5.0	DJ
28500-028	B163-1	EPA 7420 (Lead)	08/26/98	53	Soil, mg/kg	5.0	5.0	DJ
28500-029	B163-2	EPA 7420 (Lead)	08/26/98	672	Soil, mg/kg	5.0	10	DJ
28500-030	B163-3	EPA 7420 (Lead)	08/26/98	156	Soil, mg/kg	5.0	5.0	DJ
28500-030D	B163-3	EPA 7420 (Lead)	08/26/98	169	Soil, mg/kg	5.0	5.0	DJ
28500-031	B164-1	EPA 7420 (Lead)	08/26/98	1350	Soil, mg/kg	5.0	30	DJ
28500-032	B164-2	EPA 7420 (Lead)	08/26/98	84	Soil, mg/kg	5.0	5.0	DJ
28500-033	B165-1	EPA 7420 (Lead)	08/26/98	283	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/21/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-034	B165-2	EPA 7420 (Lead)	08/26/98	52	Soil, mg/kg	5.0	5.0	DJ
28500-035	B165-3	EPA 7420 (Lead)	08/26/98	20	Soil, mg/kg	5.0	5.0	DJ
28500-036	B166-1	EPA 7420 (Lead)	08/26/98	586	Soil, mg/kg	5.0	10	DJ
28500-037	B166-2	EPA 7420 (Lead)	08/26/98	14	Soil, mg/kg	5.0	5.0	DJ
28500-038	B166-3	EPA 7420 (Lead)	08/26/98	57	Soil, mg/kg	5.0	5.0	DJ
28500-039	B167-1	EPA 7420 (Lead)	08/26/98	231	Soil, mg/kg	5.0	5.0	DJ
28500-040	B167-2	EPA 7420 (Lead)	08/26/98	22	Soil, mg/kg	5.0	5.0	DJ
28500-040D	B167-2	EPA 7420 (Lead)	08/26/98	20	Soil, mg/kg	5.0	5.0	DJ
28500-041	B167-3	EPA 7420 (Lead)	08/26/98	147	Soil, mg/kg	5.0	5.0	DJ
28500-042	B168-1	EPA 7420 (Lead)	08/26/98	179	Soil, mg/kg	5.0	5.0	DJ
28500-043	B168-2	EPA 7420 (Lead)	08/26/98	264	Soil, mg/kg	5.0	5.0	DJ
28500-044	B168-3	EPA 7420 (Lead)	08/26/98	257	Soil, mg/kg	5.0	5.0	DJ
28500-045	B169-1	EPA 7420 (Lead)	08/26/98	1510	Soil, mg/kg	5.0	30	DJ
28500-046	B169-2	EPA 7420 (Lead)	08/26/98	919	Soil, mg/kg	5.0	20	DJ
28500-047	B170-1	EPA 7420 (Lead)	08/26/98	763	Soil, mg/kg	5.0	20	DJ
28500-048	B170-2	EPA 7420 (Lead)	08/26/98	59	Soil, mg/kg	5.0	5.0	DJ
28500-049	B171-1	EPA 7420 (Lead)	08/26/98	15	Soil, mg/kg	5.0	5.0	DJ
28500-050	B171-2	EPA 7420 (Lead)	08/26/98	355	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/21/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-050D	B171-2	EPA 7420 (Lead)	08/26/98	391	Soil, mg/kg	5.0	5.0	DJ
28500-051	B172-1	EPA 7420 (Lead)	08/26/98	896	Soil, mg/kg	5.0	5.0	DJ
28500-052	B172-2	EPA 7420 (Lead)	08/26/98	90	Soil, mg/kg	5.0	5.0	DJ
28500-053	B173-1	EPA 7420 (Lead)	08/26/98	290	Soil, mg/kg	5.0	5.0	DJ
28500-054	B173-2	EPA 7420 (Lead)	08/26/98	45	Soil, mg/kg	5.0	5.0	DJ
28500-055	B174-1	EPA 7420 (Lead)	08/26/98	491	Soil, mg/kg	5.0	5.0	DJ
28500-056	B174-2	EPA 7420 (Lead)	08/26/98	92	Soil, mg/kg	5.0	5.0	DJ
28500-057	B175-1	EPA 7420 (Lead)	08/26/98	652	Soil, mg/kg	5.0	5.0	DJ
28500-058	B175-2	EPA 7420 (Lead)	08/26/98	160	Soil, mg/kg	5.0	5.0	DJ
28500-059	B175-3	EPA 7420 (Lead)	08/26/98	7.9	Soil, mg/kg	5.0	5.0	DJ
28500-060	B176-1	EPA 7420 (Lead)	08/26/98	834	Soil, mg/kg	5.0	5.0	DJ
28500-060D	B176-1	EPA 7420 (Lead)	08/26/98	944	Soil, mg/kg	5.0	5.0	DJ
28500-061	B176-2	EPA 7420 (Lead)	08/26/98	91	Soil, mg/kg	5.0	5.0	DJ
28500-062	B176-3	EPA 7420 (Lead)	08/26/98	31	Soil, mg/kg	5.0	5.0	DJ
28500-063	B177-1	EPA 7420 (Lead)	08/26/98	863	Soil, mg/kg	5.0	5.0	DJ
28500-064	B177-2	EPA 7420 (Lead)	08/26/98	620	Soil, mg/kg	5.0	5.0	DJ
28500-065	B178-1	EPA 7420 (Lead)	08/26/98	1210	Soil, mg/kg	5.0	5.0	DJ
28500-066	B178-2	EPA 7420 (Lead)	08/26/98	963	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/21/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-067	B178-3	EPA 7420 (Lead)	08/26/98	390	Soil, mg/kg	5.0	5.0	DJ
28500-068	B179-1	EPA 7420 (Lead)	08/26/98	1570	Soil, mg/kg	5.0	30	DJ
28500-069	B179-2	EPA 7420 (Lead)	08/26/98	146	Soil, mg/kg	5.0	5.0	DJ
28500-070	B180-1	EPA 7420 (Lead)	08/26/98	85	Soil, mg/kg	5.0	5.0	DJ
28500-070D	B180-1	EPA 7420 (Lead)	08/26/98	76	Soil, mg/kg	5.0	5.0	DJ
28500-071	B180-2	EPA 7420 (Lead)	08/26/98	ND	Soil, mg/kg	5.0	5.0	DJ
28500-072	B181-1	EPA 7420 (Lead)	08/26/98	27	Soil, mg/kg	5.0	5.0	DJ
28500-073	B181-2	EPA 7420 (Lead)	08/26/98	1330	Soil, mg/kg	5.0	20	DJ
28500-074	B182-1	EPA 7420 (Lead)	08/26/98	1170	Soil, mg/kg	5.0	50	DJ
28500-075	B182-2	EPA 7420 (Lead)	08/26/98	752	Soil, mg/kg	5.0	10	DJ
28500-076	B183-1	EPA 7420 (Lead)	08/26/98	119	Soil, mg/kg	5.0	5.0	DJ
28500-077	B183-2	EPA 7420 (Lead)	08/26/98	88	Soil, mg/kg	5.0	5.0	DJ
28500-078	B184-1	EPA 7420 (Lead)	08/26/98	81	Soil, mg/kg	5.0	5.0	DJ
28500-079	B184-2	EPA 7420 (Lead)	08/26/98	19	Soil, mg/kg	5.0	5.0	DJ
28500-080	B185-1	EPA 7420 (Lead)	08/26/98	79	Soil, mg/kg	5.0	5.0	DJ
28500-080D	B185-1	EPA 7420 (Lead)	08/26/98	89	Soil, mg/kg	5.0	5.0	DJ
28500-081	B185-2	EPA 7420 (Lead)	08/26/98	218	Soil, mg/kg	5.0	5.0	DJ
28500-082	B186-1	EPA 7420 (Lead)	08/26/98	142	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/21/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample ID	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-083	B186-2	EPA 7420 (Lead)	08/26/98	23	Soil, mg/kg	5.0	5.0	DJ
28500-084	B186-3	EPA 7420 (Lead)	08/26/98	22	Soil, mg/kg	5.0	5.0	DJ
28500-085	B187-1	EPA 7420 (Lead)	08/26/98	64	Soil, mg/kg	5.0	5.0	DJ
28500-086	B187-2	EPA 7420 (Lead)	08/26/98	102	Soil, mg/kg	5.0	5.0	DJ
28500-087	B187-3	EPA 7420 (Lead)	08/26/98	33	Soil, mg/kg	5.0	5.0	DJ
28500-088	B188-1	EPA 7420 (Lead)	08/26/98	46	Soil, mg/kg	5.0	5.0	DJ
28500-089	B188-2	EPA 7420 (Lead)	08/26/98	57	Soil, mg/kg	5.0	5.0	DJ
28500-090	B189-1	EPA 7420 (Lead)	08/26/98	82	Soil, mg/kg	5.0	5.0	DJ
28500-090D	B189-1	EPA 7420 (Lead)	08/26/98	84	Soil, mg/kg	5.0	5.0	DJ
28500-091	B189-2	EPA 7420 (Lead)	08/26/98	24	Soil, mg/kg	5.0	5.0	DJ
28500-092	B189-3	EPA 7420 (Lead)	08/26/98	11	Soil, mg/kg	5.0	5.0	DJ
28500-093	B190-1	EPA 7420 (Lead)	08/26/98	69	Soil, mg/kg	5.0	5.0	DJ
28500-094	B190-2	EPA 7420 (Lead)	08/26/98	45	Soil, mg/kg	5.0	5.0	DJ
28500-095	B190-3	EPA 7420 (Lead)	08/26/98	10	Soil, mg/kg	5.0	5.0	DJ
28500-096	B191-1	EPA 7420 (Lead)	08/26/98	81	Soil, mg/kg	5.0	5.0	DJ
28500-097	B191-2	EPA 7420 (Lead)	08/26/98	41	Soil, mg/kg	5.0	5.0	DJ
28500-098	B192-1	EPA 7420 (Lead)	08/26/98	435	Soil, mg/kg	5.0	5.0	DJ
28500-099	B193-1	EPA 7420 (Lead)	08/26/98	608	Soil, mg/kg	5.0	10	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/21/98
Date Digested: 08/25/98
Digestion Method: EPA 3050

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-100	B193-2	EPA 7420 (Lead)	08/26/98	1210	Soil, mg/kg	5.0	50	DJ
28500-100D	B193-2	EPA 7420 (Lead)	08/26/98	1200	Soil, mg/kg	5.0	50	DJ
28500-101	B194-1	EPA 7420 (Lead)	08/26/98	1900	Soil, mg/kg	5.0	50	DJ
28500-102	B195-1	EPA 7420 (Lead)	08/26/98	906	Soil, mg/kg	5.0	10	DJ
28500-103	B195-2	EPA 7420 (Lead)	08/26/98	894	Soil, mg/kg	5.0	10	DJ
28500-104	B196-1	EPA 7420 (Lead)	08/26/98	873	Soil, mg/kg	5.0	10	DJ
28500-105	B196-2	EPA 7420 (Lead)	08/26/98	149	Soil, mg/kg	5.0	5.0	DJ
28500-106	B197-1	EPA 7420 (Lead)	08/26/98	69	Soil, mg/kg	5.0	5.0	DJ
28500-107	B197-2	EPA 7420 (Lead)	08/26/98	87	Soil, mg/kg	5.0	5.0	DJ
28500-108	B198-1	EPA 7420 (Lead)	08/26/98	720	Soil, mg/kg	5.0	10	DJ
28500-109	B198-2	EPA 7420 (Lead)	08/26/98	316	Soil, mg/kg	5.0	5.0	DJ
28500-110	B199-1	EPA 7420 (Lead)	08/26/98	68	Soil, mg/kg	5.0	5.0	DJ
28500-110D	B199-1	EPA 7420 (Lead)	08/26/98	38	Soil, mg/kg	5.0	5.0	DJ
28500-111	B199-2	EPA 7420 (Lead)	08/26/98	39	Soil, mg/kg	5.0	5.0	DJ
28500-112	B200-1	EPA 7420 (Lead)	08/26/98	52	Soil, mg/kg	5.0	5.0	DJ
28500-113	B200-2	EPA 7420 (Lead)	08/26/98	63	Soil, mg/kg	5.0	5.0	DJ
28500-113D	B200-2	EPA 7420 (Lead)	08/26/98	64	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 8/26/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/03/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/10/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-001	B151-1	EPA 7420 (Lead)	09/04/98	77	STLC Extract, mg/L	0.15	2.0	DJ
28500-002*	B151-2	EPA 7420 (Lead)	09/08/98	15	STLC Extract, mg/L	0.15	0.45	DJ
28500-003	B152-1	EPA 7420 (Lead)	09/04/98	13	STLC Extract, mg/L	0.15	0.30	DJ
28500-005	B153-1	EPA 7420 (Lead)	09/04/98	4.8	STLC Extract, mg/L	0.15	0.15	DJ
28500-006	B153-2	EPA 7420 (Lead)	09/04/98	11	STLC Extract, mg/L	0.15	0.30	DJ
28500-007	B153-3	EPA 7420 (Lead)	09/04/98	14	STLC Extract, mg/L	0.15	0.45	DJ
28500-008	B154-1	EPA 7420 (Lead)	09/04/98	12	STLC Extract, mg/L	0.15	0.30	DJ
28500-009	B154-2	EPA 7420 (Lead)	09/04/98	4.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-011	B155-1	EPA 7420 (Lead)	09/04/98	11	STLC Extract, mg/L	0.15	0.30	DJ
28500-012	B155-2	EPA 7420 (Lead)	09/04/98	3.7	STLC Extract, mg/L	0.15	0.15	DJ
28500-012Dup	B155-2	EPA 7420 (Lead)	09/04/98	3.7	STLC Extract, mg/L	0.15	0.15	DJ
28500-013	B156-1	EPA 7420 (Lead)	09/04/98	31	STLC Extract, mg/L	0.15	0.75	DJ
28500-014	B156-2	EPA 7420 (Lead)	09/04/98	21	STLC Extract, mg/L	0.15	0.60	DJ
28500-016	B157-2	EPA 7420 (Lead)	09/04/98	6.3	STLC Extract, mg/L	0.15	0.15	DJ
28500-018	B158-2	EPA 7420 (Lead)	09/04/98	41	STLC Extract, mg/L	0.15	1.0	DJ
28500-019	B159-1	EPA 7420 (Lead)	09/04/98	8.9	STLC Extract, mg/L	0.15	0.15	DJ
28500-020	B159-2	EPA 7420 (Lead)	09/04/98	7.0	STLC Extract, mg/L	0.15	0.15	DJ
28500-022	B160-2	EPA 7420 (Lead)	09/04/98	61	STLC Extract, mg/L	0.15	1.0	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Extraction Date: 09/06/98

Reviewed/Approved By: David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/03/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)
Date Amended: 09/10/98

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-024	B161-2	EPA 7420 (Lead)	09/04/98	7.7	STLC Extract, mg/L	0.15	0.15	DJ
28500-026	B162-2	EPA 7420 (Lead)	09/04/98	29	STLC Extract, mg/L	0.15	0.75	DJ
28500-027	B162-3	EPA 7420 (Lead)	09/04/98	8.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-027Dup	B162-3	EPA 7420 (Lead)	09/04/98	8.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-028	B163-1	EPA 7420 (Lead)	09/04/98	3.2	STLC Extract, mg/L	0.15	0.15	DJ
28500-029	B163-2	EPA 7420 (Lead)	09/04/98	40	STLC Extract, mg/L	0.15	1.0	DJ
28500-030	B163-3	EPA 7420 (Lead)	09/04/98	12	STLC Extract, mg/L	0.15	0.30	DJ
28500-032	B164-2	EPA 7420 (Lead)	09/04/98	6.2	STLC Extract, mg/L	0.15	0.15	DJ
28500-033	B165-1	EPA 7420 (Lead)	09/04/98	26	STLC Extract, mg/L	0.15	1.0	DJ
28500-034	B165-2	EPA 7420 (Lead)	09/04/98	3.1	STLC Extract, mg/L	0.15	0.15	DJ
28500-036	B166-1	EPA 7420 (Lead)	09/04/98	34	STLC Extract, mg/L	0.15	0.90	DJ
28500-038	B166-3	EPA 7420 (Lead)	09/04/98	2.5	STLC Extract, mg/L	0.15	0.15	DJ
28500-039	B167-1	EPA 7420 (Lead)	09/04/98	15	STLC Extract, mg/L	0.15	0.45	DJ
28500-041	B167-3	EPA 7420 (Lead)	09/04/98	7.5	STLC Extract, mg/L	0.15	0.15	DJ
28500-041Dup	B167-3	EPA 7420 (Lead)	09/04/98	7.5	STLC Extract, mg/L	0.15	0.15	DJ
28500-042*	B168-1	EPA 7420 (Lead)	09/08/98	22	STLC Extract, mg/L	0.15	0.60	DJ
28500-043	B168-2	EPA 7420 (Lead)	09/04/98	24	STLC Extract, mg/L	0.15	0.60	DJ
28500-044	B168-3	EPA 7420 (Lead)	09/04/98	16	STLC Extract, mg/L	0.15	0.45	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)
* = Extraction Date: 09/06/98

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/10/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/03/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-046	B169-2	EPA 7420 (Lead)	09/04/98	58	STLC Extract, mg/L	0.15	2.0	DJ
28500-047	B170-1	EPA 7420 (Lead)	09/04/98	68	STLC Extract, mg/L	0.15	2.0	DJ
28500-048	B170-2	EPA 7420 (Lead)	09/04/98	2.6	STLC Extract, mg/L	0.15	0.15	DJ
28500-050	B171-2	EPA 7420 (Lead)	09/04/98	28	STLC Extract, mg/L	0.15	0.75	DJ
28500-051	B172-1	EPA 7420 (Lead)	09/04/98	50	STLC Extract, mg/L	0.15	1.2	DJ
28500-052	B172-2	EPA 7420 (Lead)	09/04/98	2.8	STLC Extract, mg/L	0.15	0.15	DJ
28500-053	B173-1	EPA 7420 (Lead)	09/04/98	36	STLC Extract, mg/L	0.15	0.90	DJ
28500-053Dup	B173-1	EPA 7420 (Lead)	09/04/98	35	STLC Extract, mg/L	0.15	0.15	DJ
28500-055	B174-1	EPA 7420 (Lead)	09/04/98	37	STLC Extract, mg/L	0.15	0.90	DJ
28500-056	B174-2	EPA 7420 (Lead)	09/04/98	6.9	STLC Extract, mg/L	0.15	0.15	DJ
28500-057	B175-1	EPA 7420 (Lead)	09/04/98	32	STLC Extract, mg/L	0.15	0.75	DJ
28500-058	B175-2	EPA 7420 (Lead)	09/04/98	7.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-060	B176-1	EPA 7420 (Lead)	09/04/98	58	STLC Extract, mg/L	0.15	1.0	DJ
28500-061	B176-2	EPA 7420 (Lead)	09/04/98	3.8	STLC Extract, mg/L	0.15	0.15	DJ
28500-063	B177-1	EPA 7420 (Lead)	09/04/98	43	STLC Extract, mg/L	0.15	0.90	DJ
28500-064	B177-2	EPA 7420 (Lead)	09/04/98	34	STLC Extract, mg/L	0.15	0.75	DJ
28500-066	B178-2	EPA 7420 (Lead)	09/04/98	58	STLC Extract, mg/L	0.15	1.0	DJ
28500-067	B178-3	EPA 7420 (Lead)	09/04/98	14	STLC Extract, mg/L	0.15	0.30	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/4/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/03/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-067Dup	B178-3	EPA 7420 (Lead)	09/04/98	9.8	STLC Extract, mg/L	0.15	0.15	DJ
28500-069	B179-2	EPA 7420 (Lead)	09/04/98	14	STLC Extract, mg/L	0.15	0.30	DJ
28500-070	B180-1	EPA 7420 (Lead)	09/04/98	3.6	STLC Extract, mg/L	0.15	0.15	DJ
28500-075	B182-2	EPA 7420 (Lead)	09/04/98	51	STLC Extract, mg/L	0.15	1.0	DJ
28500-076	B183-1	EPA 7420 (Lead)	09/04/98	8.3	STLC Extract, mg/L	0.15	0.15	DJ
28500-077	B183-2	EPA 7420 (Lead)	09/04/98	4.3	STLC Extract, mg/L	0.15	0.15	DJ
28500-078	B184-1	EPA 7420 (Lead)	09/04/98	3.0	STLC Extract, mg/L	0.15	0.15	DJ
28500-080	B185-1	EPA 7420 (Lead)	09/04/98	4.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-081	B185-2	EPA 7420 (Lead)	09/04/98	17	STLC Extract, mg/L	0.15	0.45	DJ
28500-082	B186-1	EPA 7420 (Lead)	09/04/98	8.7	STLC Extract, mg/L	0.15	0.15	DJ
28500-085	B187-1	EPA 7420 (Lead)	09/04/98	2.2	STLC Extract, mg/L	0.15	0.15	DJ
28500-085Dup	B187-1	EPA 7420 (Lead)	09/04/98	6.1	STLC Extract, mg/L	0.15	0.15	DJ
28500-086	B187-2	EPA 7420 (Lead)	09/04/98	3.9	STLC Extract, mg/L	0.15	0.15	DJ
28500-089	B188-2	EPA 7420 (Lead)	09/04/98	2.6	STLC Extract, mg/L	0.15	0.15	DJ
28500-090	B189-1	EPA 7420 (Lead)	09/04/98	3.3	STLC Extract, mg/L	0.15	0.15	DJ
28500-093	B190-1	EPA 7420 (Lead)	09/04/98	3.8	STLC Extract, mg/L	0.15	0.15	DJ
28500-096	B191-1	EPA 7420 (Lead)	09/04/98	4.8	STLC Extract, mg/L	0.15	0.15	DJ
28500-098	B192-1	EPA 7420 (Lead)	09/04/98	28	STLC Extract, mg/L	0.15	0.60	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/4/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/03/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-099	B193-1	EPA 7420 (Lead)	09/04/98	40	STLC Extract, mg/L	0.15	0.90	DJ
28500-102	B195-1	EPA 7420 (Lead)	09/04/98	26	STLC Extract, mg/L	0.15	0.60	DJ
28500-103	B195-2	EPA 7420 (Lead)	09/04/98	68	STLC Extract, mg/L	0.15	2.0	DJ
28500-104	B196-1	EPA 7420 (Lead)	09/04/98	87	STLC Extract, mg/L	0.15	2.0	DJ
28500-104Dup	B196-1	EPA 7420 (Lead)	09/04/98	79	STLC Extract, mg/L	0.15	2.0	DJ
28500-105	B196-2	EPA 7420 (Lead)	09/04/98	7.5	STLC Extract, mg/L	0.15	0.15	DJ
28500-106	B197-1	EPA 7420 (Lead)	09/04/98	8.5	STLC Extract, mg/L	0.15	0.15	DJ
28500-107	B197-2	EPA 7420 (Lead)	09/04/98	4.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-108	B198-1	EPA 7420 (Lead)	09/04/98	44	STLC Extract, mg/L	0.15	1.0	DJ
28500-109	B198-2	EPA 7420 (Lead)	09/04/98	17	STLC Extract, mg/L	0.15	0.45	DJ
28500-110	B199-1	EPA 7420 (Lead)	09/04/98	2.7	STLC Extract, mg/L	0.15	0.15	DJ
28500-112	B200-1	EPA 7420 (Lead)	09/04/98	6.2	STLC Extract, mg/L	0.15	0.15	DJ
28500-113	B200-2	EPA 7420 (Lead)	09/04/98	3.4	STLC Extract, mg/L	0.15	0.15	DJ
28500-113Dup	B200-2	EPA 7420 (Lead)	09/04/98	3.4	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/4/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-001	B151-1	EPA 7420 (Lead)	09/10/98	0.46	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-002	B151-2	EPA 7420 (Lead)	09/10/98	0.31	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-003	B152-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-006	B153-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-006dup	B153-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-007	B153-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-008	B154-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-011	B155-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-013	B156-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-014	B156-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-016	B157-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-018	B158-2	EPA 7420 (Lead)	09/10/98	0.23	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-020	B159-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-022	B160-2	EPA 7420 (Lead)	09/10/98	0.15	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-024	B161-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-24dup	B161-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-026	B162-2	EPA 7420 (Lead)	09/10/98	0.19	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David B. Kern
David B. Kern
Department Supervisor

Date: 9/22/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-027	B162-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-029	B163-2	EPA 7420 (Lead)	09/10/98	0.32	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-030	B163-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-032	B164-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-033	B165-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-034	B165-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-039	B167-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-041	B167-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-042	B168-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-042dup	B168-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-043	B168-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-044	B168-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-046	B169-2	EPA 7420 (Lead)	09/10/98	0.40	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-047	B170-1	EPA 7420 (Lead)	09/10/98	0.34	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-050	B171-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-053	B173-1	EPA 7420 (Lead)	09/10/98	0.17	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-055	B174-1	EPA 7420 (Lead)	09/10/98	0.29	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/22/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-056	B174-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-057	B175-1	EPA 7420 (Lead)	09/10/98	0.16	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-058	B175-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-058dup	B175-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-060	B176-1	EPA 7420 (Lead)	09/10/98	0.50	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-063	B177-1	EPA 7420 (Lead)	09/10/98	0.16	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-064	B177-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-066	B178-2	EPA 7420 (Lead)	09/10/98	0.28	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-067	B178-3	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-069	B179-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-075	B182-2	EPA 7420 (Lead)	09/10/98	0.49	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-076	B183-1	EPA 7420 (Lead)	09/10/98	0.15	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-081	B185-2	EPA 7420 (Lead)	09/10/98	0.16	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-082	B186-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-082dup	B186-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-098	B192-1	EPA 7420 (Lead)	09/10/98	0.18	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-099	B193-1	EPA 7420 (Lead)	09/10/98	0.20	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/22/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Rte 10, 08730-06-76

Date Received: 08/24/98
Date Sampled: 08/20/98
Date Extracted: 09/06/98
Extraction Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-102	B195-1	EPA 7420 (Lead)	09/10/98	0.45	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-103	B195-2	EPA 7420 (Lead)	09/10/98	0.39	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-104	B196-1	EPA 7420 (Lead)	09/10/98	0.35	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-105	B196-2	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-106	B197-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-108	B198-1	EPA 7420 (Lead)	09/10/98	0.26	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-109	B198-2	EPA 7420 (Lead)	09/10/98	0.23	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-112	B200-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ
28500-112dup	B200-1	EPA 7420 (Lead)	09/10/98	ND	STLC D.I. Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/22/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80908-1
QA File: 8251-1

Date Analyzed: 09-08-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980908ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-084	mg/L	5.0	4.7	94	ND	17	18	6	20	35	35	89	90	50-150	1	50	0.15
28771-012	mg/L	5.0	4.9	98	ND	2.2	3.9	56	5.0	6.8	6.8	92	92	50-150	0	50	0.15
28775-047	mg/L	5.0	5.0	100	ND	1.7	4.3	87	5.0	7.1	7.1	108	108	50-150	0	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/10/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80910-1
QA File: 8253-1

Date Analyzed: 09-10-98
Date Extracted: 09-06-98
Sample ID: SEE BELOW
Matrix: DI WATER EXTRACT
QC Batch Number PBF980910DI-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28465-013	mg/L	5.0	5.0	100	ND	0.18	ND	*	5.0	4.9	4.9	94	94	50-150	0	50	0.15
28465-025	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	5.0	5.0	100	100	50-150	0	50	0.15
28465-037	mg/L	5.0	5.1	102	ND	ND	ND	0	5.0	5.1	5.1	102	102	50-150		50	0.15
28465-056	mg/L	5.0	4.8	96	ND	ND	ND	0	5.0	5.0	5.1	100	102	50-150	2	50	0.15
28465-073	mg/L	5.0	4.9	98	ND	ND	ND	0	5.0	4.6	4.6	92	92	50-150	0	50	0.15
28465-086	mg/L	5.0	4.9	98	ND	0.74	0.58	24	5.0	4.8	4.8	81	81	50-150	0	50	0.15
28500-006	mg/L	5.0	4.8	96	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15
28500-024	mg/L	5.0	4.9	98	ND	ND	ND	0	5.0	4.8	4.8	96	96	50-150	0	50	0.15
28500-042	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15
28500-058	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15
28500-082	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	5.0	5.0	100	100	50-150	0	50	0.15
28500-112	mg/L	5.0	5.1	102	ND	ND	ND	0	5.0	4.9	4.9	98	98	50-150	0	50	0.15

* Sampl result is near/at the detection limit.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/10/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA 6010 (Lead)
Analyst: LP
Data File: ICP80908-1
QA File: 8251-1

Date Analyzed: 9/8/98
Date Digested: 9/8/98
Sample ID: See below
Matrix: Soil
QAQC Batch No: ICP980908S-1

SAMPLE ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC	RPD	RPD Limit	MDL
28795-010*	mg/kg	5.0	5.2	104	ND	ND	19	200	175	188	125	107	71	68-106	40	20	5
28795-016*	mg/kg	5.0	4.7	94	ND	28	18	45	175	126	169	56	81	68-106	36	20	5
28791-010*	mg/kg	5.0	5.0	100	ND	23	18	22	175	119	151	55	73	68-106	28	20	5
28791-020	mg/kg	5.0	4.2	84	ND	ND	17	200	175	139	150	80	86	68-106	7	20	5'
28791-030	mg/kg	5.0	4.7	94	ND	28	15	59	175	184	192	89	94	68-106	5	20	5
28791-032	mg/kg	5.0	4.8	96	ND	ND	ND	0	175	161	174	92	99	68-106	7	20	5

* %REC and RPD out of the limit is due to the sample matrix.

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/10/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80904-2
QA File: 8246-2

Date Analyzed: 09-04-98
Date Extracted: 09-02-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980904ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28500-012	mg/L	5.0	4.7	94	ND	3.7	3.7	0	5.0	8.2	7.4	90	74	50-150	20	50	0.15
28500-027	mg/L	5.0	4.8	96	ND	8.4	8.4	0	10	17	17	86	86	50-150	0	50	0.15
28500-041	mg/L	5.0	4.8	96	ND	7.5	7.5	0	10	17	17	95	95	50-150	0	50	0.15
28500-053	mg/L	5.0	4.5	90	ND	36	35	3	50	81	82	90	92	50-150	2	50	0.15
28500-067	mg/L	5.0	4.5	90	ND	14	9.8	35	20	32	32	90	90	50-150	0	50	0.15
28500-085	mg/L	5.0	4.6	92	ND	6.1	2.2	94	5.0	13	13	138	138	50-150	0	50	0.15
28500-104	mg/L	5.0	4.7	94	ND	87	79	10	100	176	176	89	89	50-150	0	50	0.15
28500-113	mg/L	5.0	4.7	94	ND	3.4	3.4	0	5.0	8.8	8.4	108	100	50-150	8	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/4/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420(Lead)
Analyst: CDR/DJ
Data File: AA80826-1
QA File: 8328-1

Date Analyzed: 08-26-98
Date Digested: 08-25-98
Sample ID: SEE BELOW
Matrix: SOIL
QC Batch NO.: PBF980826S-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
28500-010	mg/kg	5.0	4.6	92	ND	49	58	17	250	298	282	100	93	51 - 124	7	50	5.0
28500-020	mg/kg	5.0	4.5	90	ND	110	60	59	250	350	371	96	104	51 - 124	8	50	5.0
28500-030	mg/kg	5.0	4.8	96	ND	156	169	8	250	396	362	96	82	51 - 124	15	50	5.0
28500-040	mg/kg	5.0	4.7	94	ND	22	20	10	250	239	251	87	92	51 - 124	5	50	5.0
28500-050	mg/kg	5.0	4.7	94	ND	355	391	10	250	563	656	83	120	51 - 124	37	50	5.0
28500-060	mg/kg	5.0	4.8	96	ND	834	944	12	500	1430	1290	119	91	51 - 124	27	50	5.0
28500-070	mg/kg	5.0	5.0	100	ND	85	76	11	250	308	320	89	94	51 - 124	5	50	5.0
28500-080	mg/kg	5.0	4.9	98	ND	79	89	12	250	273	327	78	99	51 - 124	24	50	5.0
28500-090	mg/kg	5.0	5.0	100	ND	82	84	2	250	321	315	96	93	51 - 124	3	50	5.0
28500-100	mg/kg	5.0	4.9	98	ND	1210	1200	1	500	1640	1620	86	82	51 - 124	5	50	5.0
28500-110	mg/kg	5.0	5.0	100	ND	68	38	57	250	282	288	86	88	51 - 124	3	50	5.0
28500-113	mg/kg	5.0	4.9	98	ND	63	64	2	250	276	278	85	86	51 - 124	1	50	5.0

Approved by: David J. Kern
Inorganics Supervisor

Date: 8/26/98

Advanced Technology Laboratories

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon South
Attn: Joel Kloth
Address:
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) Date: 8/20/98 Time: 3:50
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8 / 20 / 98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
Samples w/ Total Lead ≥ 50 mg/kg & ≤ 1000 mg/kg, analyze via WET, of these, samples w/ STLC ≥ 5.0 mg/kg, analyze via WET-DI.

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28500-001	B151-1	8/20	4:07	48-hr	1	T G		
	002	B151-2		4:11					
	003	B152-1		4:13					
	004	B152-2		4:16					
	005	B153-1		4:18					
	006	B153-2		4:20					
	007	B153-3		4:21					
	008	B154-1		4:22					
	009	B154-2		4:24					
	010	B154-3		4:25					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

CHAIN OF CUSTODY RECORD

Pg ___ of ___

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ___ D.O. # ___
P.O.#: ___
Logged By: ___ Date: ___ Time: ___

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y ☑ N ☐ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☐ N ☐

Client:
Attn: Geocon S.D.
Address:
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: I10 Project #: 7730-06-76 Sampler: (Printed Name) Ross White (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 8/24/98 Time: 3:50
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) ___
TEST: ___
ATL #: ___
DATE: ___
CLIENT I.D. ___

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Ross White
Print Name
Date: 8/20/98
Signature

Send Report To:
Attn: ___
Co: ___
Address ___
City ___ State ___ Zip ___

Special Instructions/Comments:
See pg. 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ___
☐ Return To: ___

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); 6010 Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER	REMARKS
	28500-011	B155-1	8/20	427	48Hr	1	J/G			
	012	B155-2		428						
	013	B156-1		431						
	014	B156-2		435						
	015	B157-1		438						
	016	B157-2		440						
	017	B158-1		441						
	018	B158-2		443						
	019	B159-1		446						
	020	B159-2		448						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 2 of

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: D.O. #
P.O.#:
Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon S.D.
Attn:
Address:
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: I10 Project #: A8012-06-01 Sampler: (Printed Name) Ross While (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 8/24/98 Time: 3:30
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT)
TEST:
ATL #:
DATE:
CLIENT I.D.

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Ross While Date: 8/20/98
Print Name
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); 6010 PB

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals-Total	6010 PB				SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	78500-021	B160-1	8/20	453											X				X							48Hr	1	5 G		
	022	B160-2		454																										
	023	B161-1	8/21	9:01																										
	024	B161-2		9:02																										
	025	B162-1		905																										
	026	B162-2		902																										
	027	B162-3		903																										
	028	B163-1		9.03																										
	029	B163-2		904																										
	030	B163-3		905																										

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y ☑ N ☐ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☑ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-74 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time:
Received by: (Signature and Printed Name) [illegible] Date: 8/24/98 Time: 3:50
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/24/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

Q A / Q C: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals	Pb		SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28500-031	B164-1	8/21	908										X			X							48hr	1	J	G		
	032	B164-2	↓	909										↓			↓							↓	↓	↓	↓		
	033	B165-1		911																								
	034	B165-2		912																								
	035	B165-3		913																								
	036	B166-1		920																								
	037	B166-2		924																								
	038	B166-3		928																								
	039	B167-1		931																								
	040	B167-2	↓	934																								

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

C IN C TO R OR

Pg 5 of

Advanced Technology Laboratories

1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y ☑ N ☐ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☑ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn:
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: I-10 Project #: 8730-06-67 Sampler: (Printed Name) Ross Whiting (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 8/24/98 Time: 3:51

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Ross White
Print Name
Signature
Date: 8/21/98

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Cd Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	Metals-Total (CAC-6010/7000)	SOLID • SOIL • SLUDGE	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28500-041	B167-3	8/21	936	✓	✓	48H	1	J G		
	042	B168-1		940							
	043	B168-2		945							
	044	B168-3		948							
	045	B169-1		951							
	046	B169-2		956							
	047	B170-1		1000							
	048	B170-2		1006							
	049	B171-1		1011							
	050	B171-2	✓	1015	✓	✓					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 2 of

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: D.O. #
P.O.#:
Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Klotz
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rice 10 Project #: 08730-06-74 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time:
Received by: (Signature and Printed Name) Date: 8/24/98 Time: 3:51
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT)
TEST:
ATL #:
DATE:
CLIENT I.D.

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/24/98
Print Name
Signature

Send Report To:
Attn:
Co: Same
Address
City State Zip

Special Instructions/Comments:
See Pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020/BTEX	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals Total				SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	28500-051	B172-1	8/21	1020										X				X							48hr	1	J	G	
	052	B172-2		1026																									
	053	B173-1		1030																									
	054	B173-2		1035																									
	055	B174-1		1037																									
	056	B174-2		1042																									
	057	B175-1		1046																									
	058	B175-2		1055																									
	059	B175-3		1059																									
	060	B176-1		1103																									

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg ___ of ___

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ___ D.O. # ___
P.O.#: ___
Logged By: ___ Date: ___ Time: ___

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time:
Received by: (Signature and Printed Name) [illegible] Date: 8/21/98 Time: 3:37
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) ___
TEST: ___
ATL #: ___
DATE: ___
CLIENT I.D. ___

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/21/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: ___
Co: Same
Address ___
City ___ State ___ Zip ___

Special Instructions/Comments:
See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ___
☐ Return To: ___
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC 6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER ___

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020/BTEX	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals-Total Pb	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28500-061	B176-2	8/21	1108										X			X					48-hr	1	J		
	062	B176-3		1112																						
	063	B177-1		1115																						
	~~064~~	B177-2		1118																						
	065	B178-1		1122																						
	066	B178-2		1127																						
	067	B178-3		1133																						
	068	B179-1		1135																						
	069	B179-2		1138																						
	070	B180-1		1140																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☐ N☑ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time:
Received by: (Signature and Printed Name) [illegible] Date: 8/24/97 Time: 3:52
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/21/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See Pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CF ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020/BTEX	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals-Total	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	78500-071	B180-2	8/21	1144										X								48-hr	1	2-G		
	072	B181-1		1148																						
	073	B181-2		1154																						
	074	B182-1		1158																						
	075	B182-2		1203																						
	076	B183-1		1206																						
	077	B183-2		1210																						
	078	B184-1		1213																						
	079	B184-2		1219																						
	080	B185-1		1135																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y ☑ N ☐ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☑ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 06730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time:
Received by: (Signature and Printed Name) Date: 8/24/98 Time: 3:55
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Mark Wanek Date: 8/21/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals	SOIL	OIL	WATER	DRINKING WATER	AIR	WIPE	OTHER	TAT	#	Type	PRESERVATION	REMARKS
	28500-081	B185-2	8/21	139										X								48 hr	1	5 G		
	082	B186-1		141																						
	083	B186-2		145																						
	084	B186-3		150																						
	085	B187-1		152																						
	086	B187-2		155																						
	087	B187-3		201																						
	088	B188-1		203																						
	089	B188-2		205																						
	090	B189-1		208																						

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg 1 of 2

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730.06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Mark Wanek Date: Time: Received by: (Signature and Printed Name) [illegible] Date: 8/24/98 Time: 3:55
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/21/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: _____
Co: Same
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See Pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID (SOIL) • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28500-091	B189-2	8/21	211	48-hr	1	5		
	092	B189-3		215					
	093	B190-1		216					
	094	B190-2		219					
	095	B190-3		222					
	096	B191-1		226					
	097	B191-2		229					
	098	~~B192~~ B192-1		232					
	099	B193-1		237					
	100	B193-2		241					

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y ☑ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐
3. CONTAINER INTACT Y ☑ N ☐
4. SEALED Y ☐ N ☑
5. # OF SPLS MATCH COC Y ☑ N ☐
6. PRESERVED Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SAN DIEGO
Attn: Joel Kloth
Address: 6970 Flanders Drive
City: San Diego State: CA Zip Code: 92121
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Rte 10 Project #: 08730-06-76 Sampler: (Printed Name) Mark Wanek (Signature) Mark Wanek

Relinquished by: (Signature and Printed Name) Mark Wanek Date: Time: Received by: (Signature and Printed Name) [illegible] Date: 8/24/98 Time: 3:55
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Mark Wanek Date: 8/24/98
Print Name
Mark Wanek
Signature

Send Report To:
Attn: —
Co: Same
Address —
City _____ State _____ Zip _____

Special Instructions/Comments:
See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020/BTEX	608/8080	624/8240	8260	625/8270	8015M TPHG/BTEX	8015M TPH/D	418.1	Metals	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28500-101	B194-1	8/21	241										X	X							48-hr	1	5 G		
	102	B194-2		249																						
	103	B195-2		257																						
	104	B196-1		259																						
	105	B196-2		301																						
	106	B197-1		303																						
	107	B197-2		305																						
	108	B198-1		307																						
	109	B198-2		309																						
	110	B199-1		311																						

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ____ D.O. # ____
P.O.#: ____
Logged By: ____ Date: ____ Time: ____

Method of Transport: Walk-in ☑ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y ☑ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐
3. CONTAINER INTACT Y ☑ N ☐
4. SEALED Y ☐ N ☑
5. # OF SPLS MATCH COC Y ☑ N ☐
6. PRESERVED Y ☐ N ☐

Client: Geocon South
Attn: Joe Kloth
Address: ____ City ____ State ____ Zip Code ____
TEL: ( ) ____ FAX: ( ) ____

Project Name: Rte 10 Project #: 8730-06-76 Sampler: (Printed Name) Ross White (Signature)

Relinquished by: (Signature and Printed Name) ____ Date: ____ Time: ____ Received by: (Signature and Printed Name) ____ Date: 8/24/98 Time: 3:55
Relinquished by: (Signature and Printed Name) ____ Date: ____ Time: ____ Received by: (Signature and Printed Name) ____ Date: ____ Time: ____
Relinquished by: (Signature and Printed Name) ____ Date: ____ Time: ____ Received by: (Signature and Printed Name) ____ Date: ____ Time: ____

SHIP TO LAB: (SUB CONTRACT) ____
TEST: ____
ATL #: ____
DATE: ____
CLIENT I.D. ____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Ross White Date: 8/21/98
Print Name
Signature

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Special Instructions/Comments: See pg 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ____
☐ Return To: ____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals Total (CAC-6010/7000) Pb

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	Metals Total (CAC-6010/7000) Pb	SOLID • SOIL • SLUDGE	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	28500-111	B199-2	8/21	314	X	X	48hr	1	G		
	112	B200-1	↓	316	X	X	↓	1	↓		
	113	B200-2	↓	320	X	X	↓	1	↓		

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Advanced Technology
Laboratories

September 30, 1998 ELAP No.: 1838

Geocon Environmental
6970 Flanders Drive
San Diego, CA 92121

ATTN: Mr. Joe Kloth

Client's Project: Route 10
Lab No.: 29340-001/017

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Cheryl De Los Reyes
Technical Operations Manager
CDR/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

Mailing Address: P.O. Box 92797 Long Beach, CA 90809-2797
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Route 10

Date Received: 09/24/98
Date Sampled: 08/13/98
Date Digested: 09/28/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28301-009	B5-1	EPA 7420 (Lead)	09/28/98	114	STLC Extract, mg/L	0.15	2.0	DJ
28301-047	B18-2	EPA 7420 (Lead)	09/28/98	81	STLC Extract, mg/L	0.15	2.0	DJ
28301-053	B22-1	EPA 7420 (Lead)	09/28/98	97	STLC Extract, mg/L	0.15	2.0	DJ
28301-059	B23-2	EPA 7420 (Lead)	09/28/98	60	STLC Extract, mg/L	0.15	1.0	DJ
28301-064	B24-2	EPA 7420 (Lead)	09/28/98	5.7	STLC Extract, mg/L	0.15	0.15	DJ
28301-094	B36-1	EPA 7420 (Lead)	09/28/98	95	STLC Extract, mg/L	0.15	2.0	DJ
28301-130	B50-2	EPA 7420 (Lead)	09/28/98	91	STLC Extract, mg/L	0.15	2.0	DJ
28301-140	B53-2	EPA 7420 (Lead)	09/28/98	5.5	STLC Extract, mg/L	0.15	0.15	DJ
28301-144	B55-3	EPA 7420 (Lead)	09/28/98	4.9	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/29/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Route 10

Date Received: 09/24/98
Date Sampled: 08/13/98
Date Digested: 09/28/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix II) Modified

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28500-036	B166-1	EPA 7420 (Lead)	09/28/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28500-051	B172-1	EPA 7420 (Lead)	09/28/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ
28500-051 Dup	B172-1	EPA 7420 (Lead)	09/28/98	ND	STLC DI Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/29/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Geocon Environmental
Attn: Mr. Joel Kloth

Client's Project: Route 10

Date Received: 09/24/98
Date Sampled: 08/13/98
Date Digested: 09/28/98
Digestion Method: WET (Title 22, CCR, 66261.100 Appendix II)

Lab No.	Sample I.D.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
28464-044	B72-1	EPA 7420 (Lead)	09/28/98	78	STLC Extract, mg/L	0.15	2.0	DJ
28464-044 Dup.	B72-1	EPA 7420 (Lead)	09/28/98	87	STLC Extract, mg/L	0.15	2.0	DJ
28464-046	B73-1	EPA 7420 (Lead)	09/28/98	55	STLC Extract, mg/L	0.15	1.0	DJ
28464-057	B78-1	EPA 7420 (Lead)	09/28/98	107	STLC Extract, mg/L	0.15	2.0	DJ
28464-070	B84-1	EPA 7420 (Lead)	09/28/98	55	STLC Extract, mg/L	0.15	1.0	DJ
28464-110	B99-3	EPA 7420 (Lead)	09/28/98	7.6	STLC Extract, mg/L	0.15	0.15	DJ
28464-110 Dup.	B99-3	EPA 7420 (Lead)	09/28/98	6.7	STLC Extract, mg/L	0.15	0.15	DJ

MDL = Method Detection Limit
ND = Not Detected (Below DLR)
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: David J. Kern
David J. Kern
Department Supervisor

Date: 9/29/98

The cover letter is an integral part of this analytical report.

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80928-1
QA File: 8271-1

Date Analyzed: 09-28-98
Date Extracted: 09-26-98
Sample ID: SEE BELOW
Matrix: STLC EXTRACT
QC Batch Number PBF980928ST-1

SPL ID	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
29340-010	mg/L	5.0	5.2	104	ND	78	87	11	200	252	252	87	87	50-150	0	50	0.15
29340-014	mg/L	5.0	5.0	100	ND	7.6	6.7	13	10	15	15	70	70	50-150	0	50	0.15

Approved by: David J. Kern
Inorganics Supervisor

Date: 9/28/98

Advanced Technology Laboratories

Spike Recovery and RPD Summary Report

Method: EPA7420
Analyst: DJ/OL
Data File: AA80928-2
QA File: 8271-2

Date Analyzed: 09-28-98
Date Extracted: 09-26-98
Sample ID: 29340-017
Matrix: DI WATER EXTRACT
QC Batch Number PBF980928DI-1

ANALYTE	UNITS	LCS Conc	LCS Res	% Rec	METH BLANK	SPL CONC	SPL DUP	% Dev	SPK ADDED	MS RESULT	MSD RESULT	%MS REC	%MSD REC	% REC Limit	RPD	RPD Limit	MDL
Lead	mg/L	5.0	5.0	100	ND	ND	ND	0	5.0	6.1	5.1	122	102	50-150	18	50	0.15

Approved by: David J. Kern
David J. Kern
Inorganics Supervisor

Date: 9/28/98

Advanced Technology Laboratories

FAX

Date: 9/24/98

Number of pages including cover sheet: 19

TO: Cheryl or Mindy
ATL

Phone: (562) 989-4045
Fax Phone: (562) 989-4090

CC:

FROM: Joel Kloth
Geocon Environmental Consultants, Inc.
6970 Flanders Drive
San Diego CA 92121

Phone: 619.558.6100
Fax Phone: 619.558.8437

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please Comment

Subject: Route 10

Reference:

Please omit and correct the following report pages and:

If you have any questions, please contact my office.

Please run soluble lead analyses using citric acid (7420) on the following samples.
Run soluble lead using Deionized (DI) water as the extractant on all soluble lead samples with a concentration greater than 5.0 mg/l.

28301-009 1	28301-094 6	28464-070 13
28301-047 2	28301-130 7	28464-110 14
28301-053 3	28301-140 8	
28301-059 4	28301-144 9	Run soluble lead DI only:
28301-064 5	28464-044 10	28500-119 15
	28464-046 11	28500-036 16
	28464-057 12	28500-051 17

Thanks: Joel

CHAIN OF CUSTODY RECORD

Pg ____ of ____

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ____ D.O. # ____
P.O.#: ____
Logged By: ____ Date: ____ Time: ____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon
Attn: Joel Kloth
Address: 6970 Flanders Dr.
City: San Diego State: CA Zip Code: 92131
TEL: (619) 558-6100
FAX: (619) 558-8437

Project Name: Route 10 Project #: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

SHIP TO LAB:
(SUB CONTRACT) ____
TEST: ____
ATL #: ____
DATE: ____
CLIENT I.D. ____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
____ Date: __/__/__
Print Name
____
Signature

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ____
☐ Return To: ____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description / Sample I.D.	Date	Time	601/8010 (Halogenated Volatiles-GC)	602/8020/BTEX (Aromatic Volatiles-GC)	608/8080 (Pesticides/PCB-GC)	624/8240 (Volatiles-GC/MS)	8260 (Volatiles-GC/MS)	625/8270 (BNA-GC/MS)	8015M TPHG/BTEX(COMBINATION)	8015M TPH/D (Diesel-GC)	418.1 (TPH-IR)	Metals-Total (CAC-6010/7000)	Wet Pb (Ext)	Wet Pb anal	Wet-DI-Pb anal	Wet-DI-Pb Extract	SOLID (SOIL) • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	29340-001	28301-009/B5-1	8/13												X	X	X	X	X							E	1	4 oz		
	002	-047/B18-2	X												X	X	X	X	X							X	X	X		
	003	-053/B22-1	X												X	X	X	X	X							X	X	X		
	004	-059/B23-2	X												X	X	X	X	X							X	X	X		
	005	-064/B24-2	X												X	X	X	X	X							X	X	X		
	006	-094/B36-1	X												X	X	X	X	X							X	X	X		
	007	-130/B50-2	X												X	X	X	X	X							X	X	X		
	008	-140/B53-2	X												X	X	X	X	X							X	X	X		
	009	-144/B55-3	X												X	X	X	X	X							X	X	X		

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Pg ____ of ____

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ____ D.O. # ____
P.O.#: ____
Logged By: ____ Date: ____ Time: ____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon
Attn: Joel Kloth
Address: 6970 Flanders Dr.
City San Diego State CA Zip Code 92131
TEL: (619) 558-6106
FAX: (619) 558-8437

Project Name: Route 10 Project #: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB:
(SUB CONTRACT) ____
TEST: ____
ATL #: ____
DATE: ____
CLIENT I.D. ____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
____ Date: / /
Print Name
Signature

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ____
☐ Return To: ____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

PRESERVATION

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010 (Halogenated Volatiles-GC)	602/8020/BTEX (Aromatic Volatiles-GC)	608/8080 (Pesticides/PCB-GC)	624/8240 (Volatiles-GC/MS)	8260 (Volatiles-GC/MS)	625/8270 (BNA-GC/MS)	8015M TPHG/BTEX(COMBINATION)	8015M TPHD (Diesel-GC)	418.1 (TPH-IR)	Metals-Total (CAC-6010/7000)	wet Pb (ext)	wet Pb (ext)	wet-Di-Pb (ext)	wet-Di-Pb (ext)	SOLID (SOIL) SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	29340-010	28464-044/B72-1	8/13												X	X	X	X	X							E	1	4 oz		
	011	-046/B73-1	X												X	X	X	X	X							X	X	X		
	012	-057/B78-1	X												X	X	X	X	X							X	X	X		
	013	-070/B84-1	X												X	X	X	X	X							X	X	X		
	014	-110/B99-3	X												X	X	X	X	X							X	X	X		
	015	28500-	X												X	X	X	X	X							X	X	X		
	016	-036/B166-1	X												X	X	X	X	X							X	X	X		
	017	-051/B172-1	X												X	X	X	X	X							X	X	X		

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

APPENDIX C

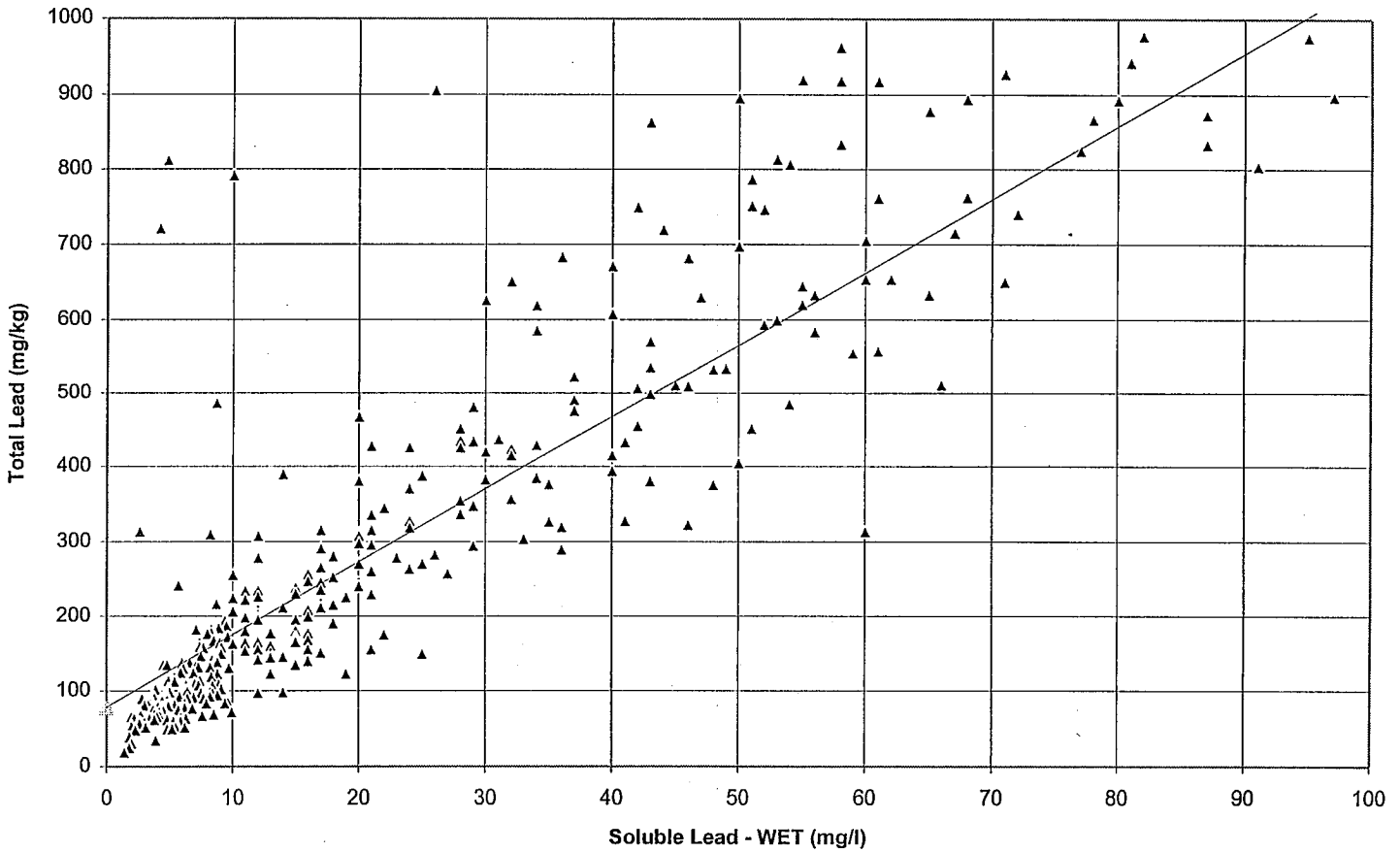
Project Name: Route 10
Project Number: 08730-06-76
Task Order Number: 07-142900-HM

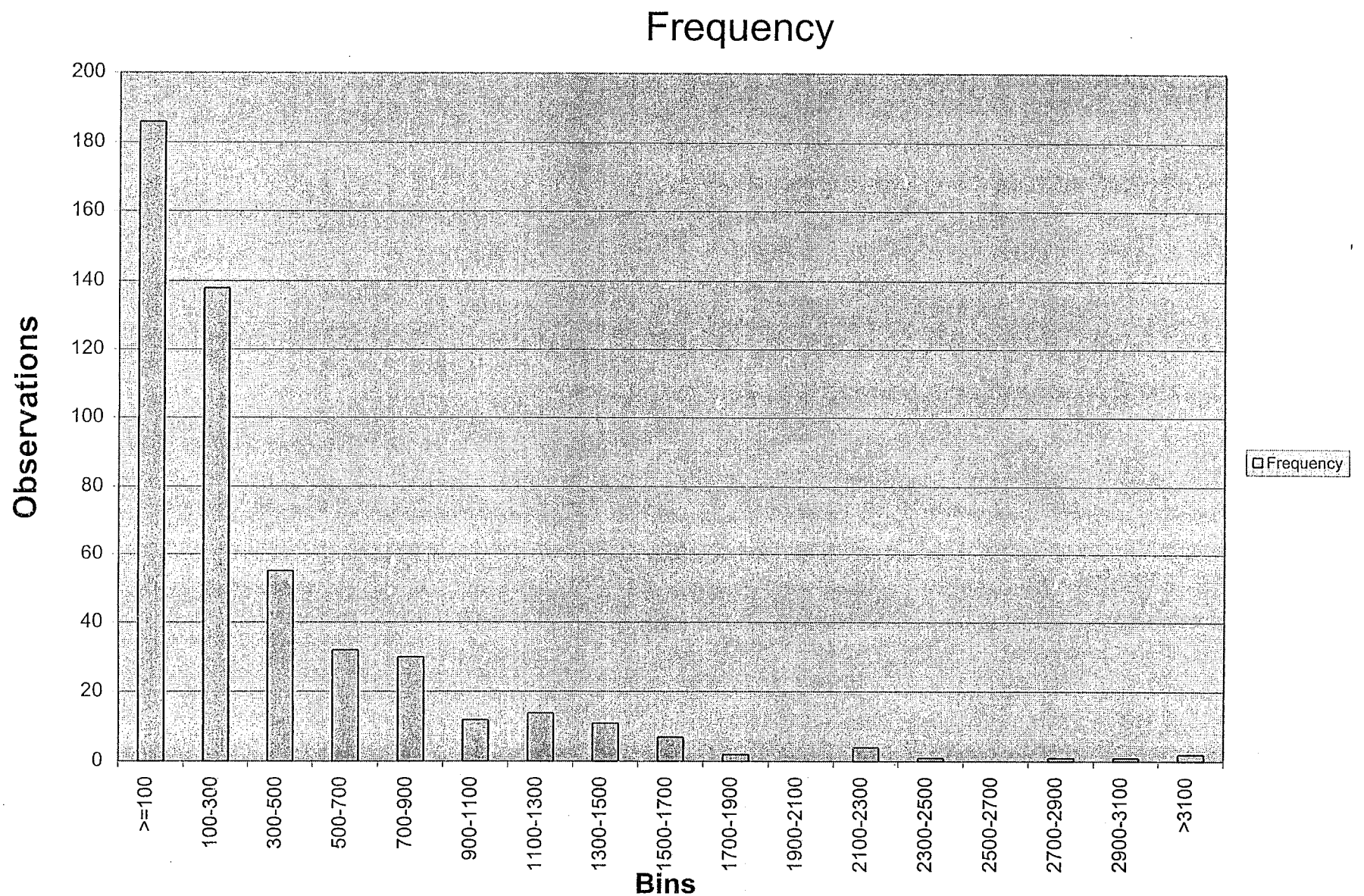
Regression Analysis Results for Total Lead vs. Soluble Lead (WET)

Regression Output:

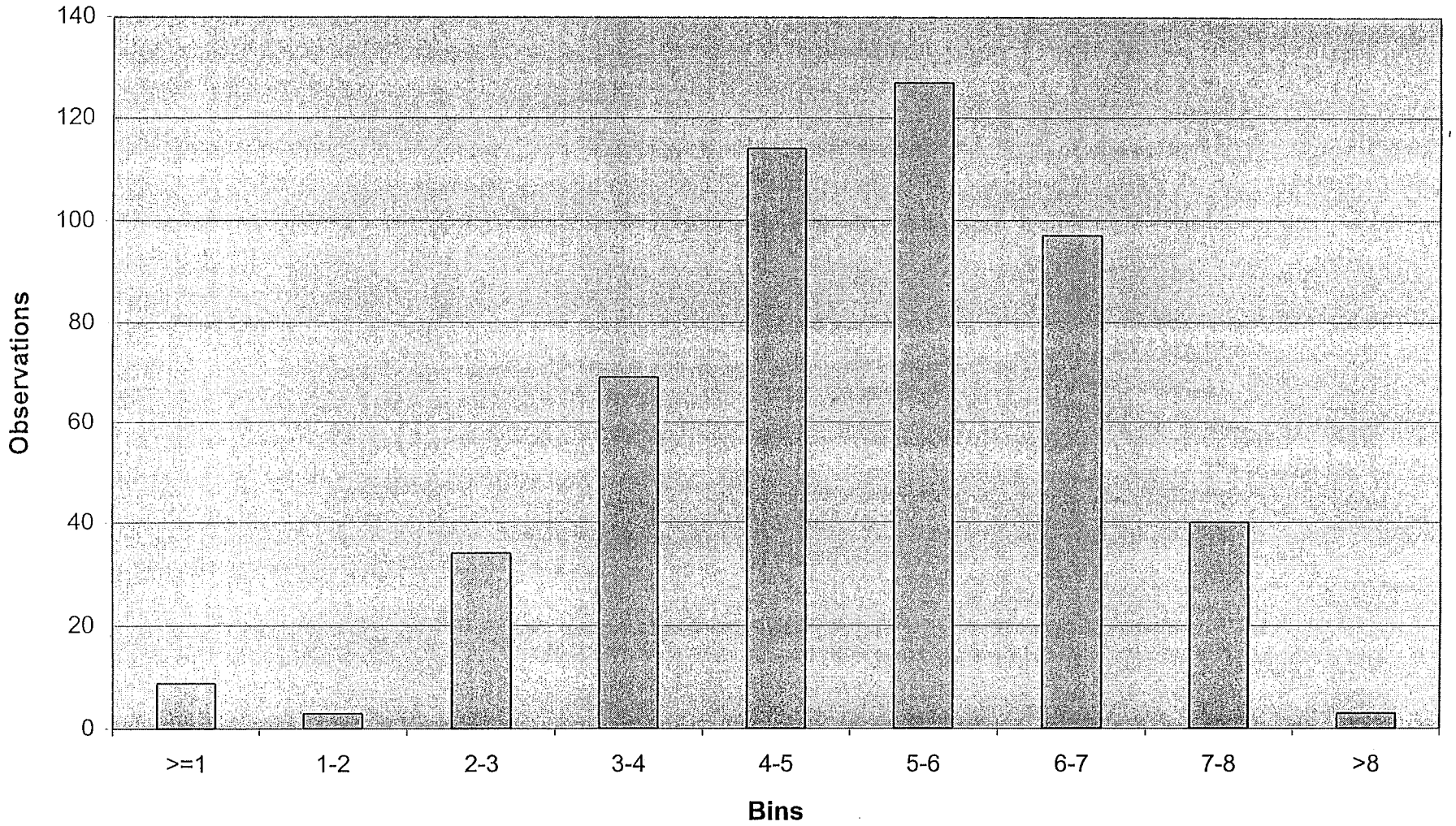
Constant (b)	78.30
Slope (m)	9.74
Correlation (r)	0.88
Number of Observatons	349
Total Lead Mean	302
Total Lead Standard Deviation	254
Soluble Lead (WET) Mean	23
Soluble Lead (WET) Standard Deviation	23

Total Lead vs. Soluble Lead (WET)




Frequency
Observations
200
180
160
140
120
100
80
60
40
20
0
>=100
100-300
300-500
500-700
700-900
900-1100
1100-1300
1300-1500
1500-1700
1700-1900
1900-2100
2100-2300
2300-2500
2500-2700
2700-2900
2900-3100
>3100
Bins
Frequency

Ln(x) Frequency



Project Name: Route 10
Project No.: 08730-06-76
Task Order No.: 07-142900-HM

Block Diagrams - 80% UCL for Normal Distribution

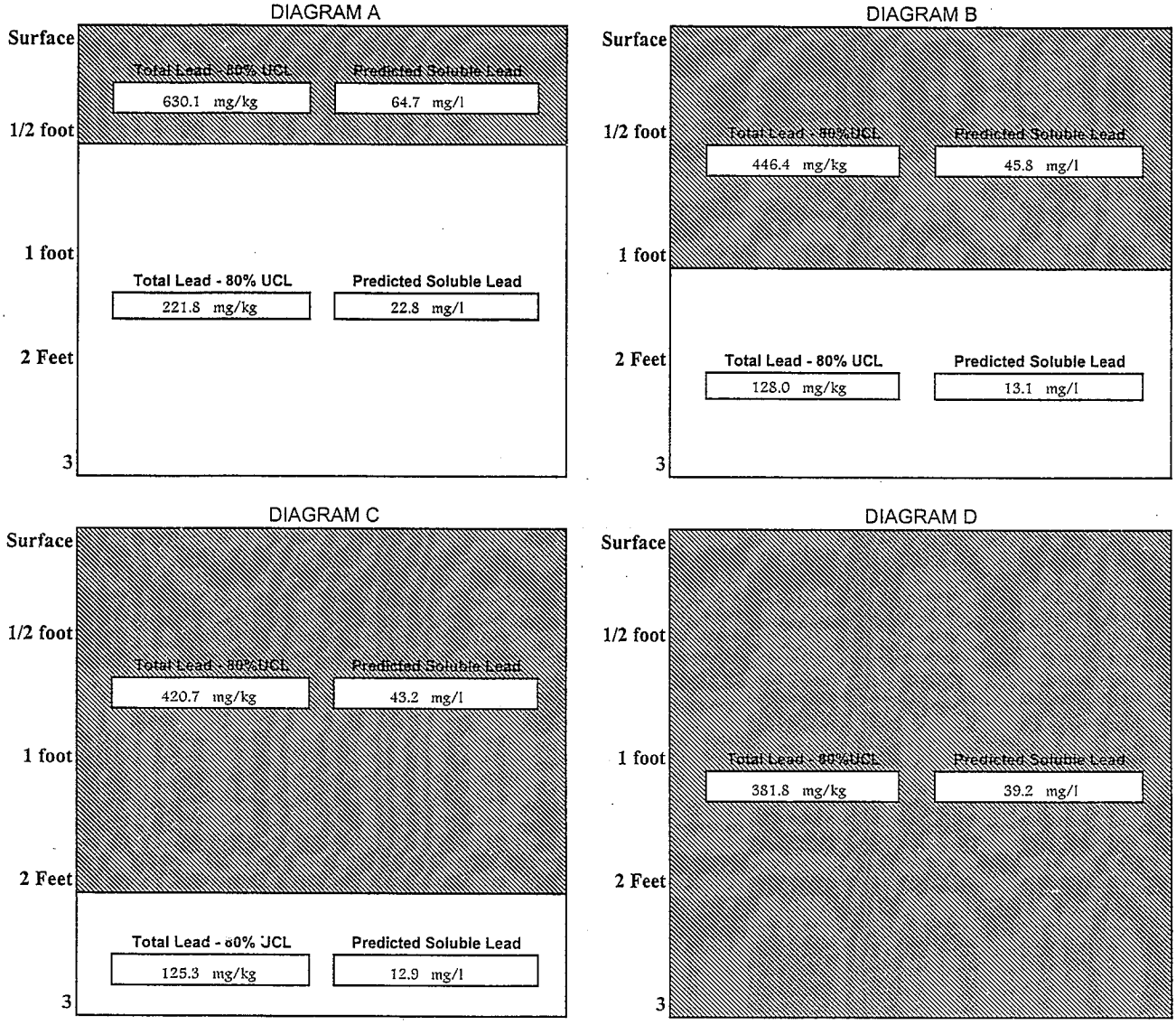


DIAGRAM A --	Separate the top	1/2 foot	of soil from the remaining underlying soil
DIAGRAM B --	Separate the top	0.0	of soil from the remaining underlying soil
DIAGRAM C --	Separate the top	2 Feet	of soil from the remaining underlying soil
DIAGRAM D --	Analysis of the entire	3.0	as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 1/2 foot of soil is excavated and kept separate from the underlying soil. In this case, the top 1/2 foot of soil would be expected to exhibit an average total lead concentration of 630.1 mg/kg and an average (WET-Citric Acid) soluble lead concentration of 64.7 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 221.8 mg/kg and an average (WET -Citric Acid) soluble lead concentration of 22.8 mg/l.

Project Name: Route 10
Project No.: 08730-06-76
Task Order No.: 07-142900-HM

Block Diagrams - 95% UCL for Normal Distribution

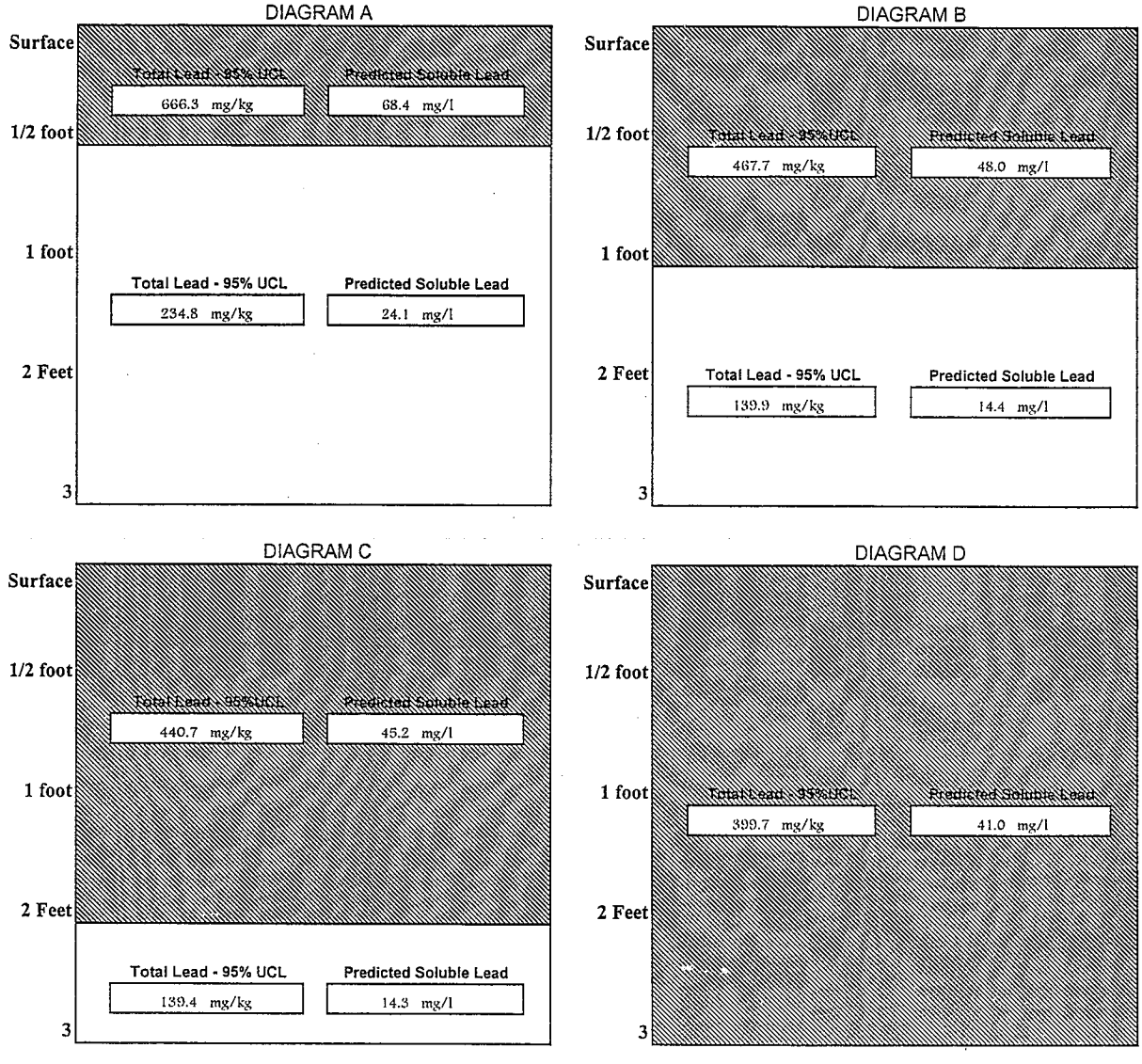


DIAGRAM A --	Separate the top	1/2 foot	of soil from the remaining underlying soil
DIAGRAM B --	Separate the top	0.0	of soil from the remaining underlying soil
DIAGRAM C --	Separate the top	2 Feet	of soil from the remaining underlying soil
DIAGRAM D --	Analysis of the entire	3.0	as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 1/2 foot of soil is excavated and kept separate from the underlying soil. In this case, the top 1/2 foot of soil would be expected to exhibit an average total lead concentration of 666.3 mg/kg and an average (WET-Citric Acid) soluble lead concentration of 68.4 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 234.8 mg/kg and an average (WET -Citric Acid) soluble lead concentration of 24.1 mg/l.

Project Name: Route 10
Project No.: 08730-06-76
Task Order No.: 07-142900-HM

Block Diagrams - 80% UCL for Lognormal Distribution

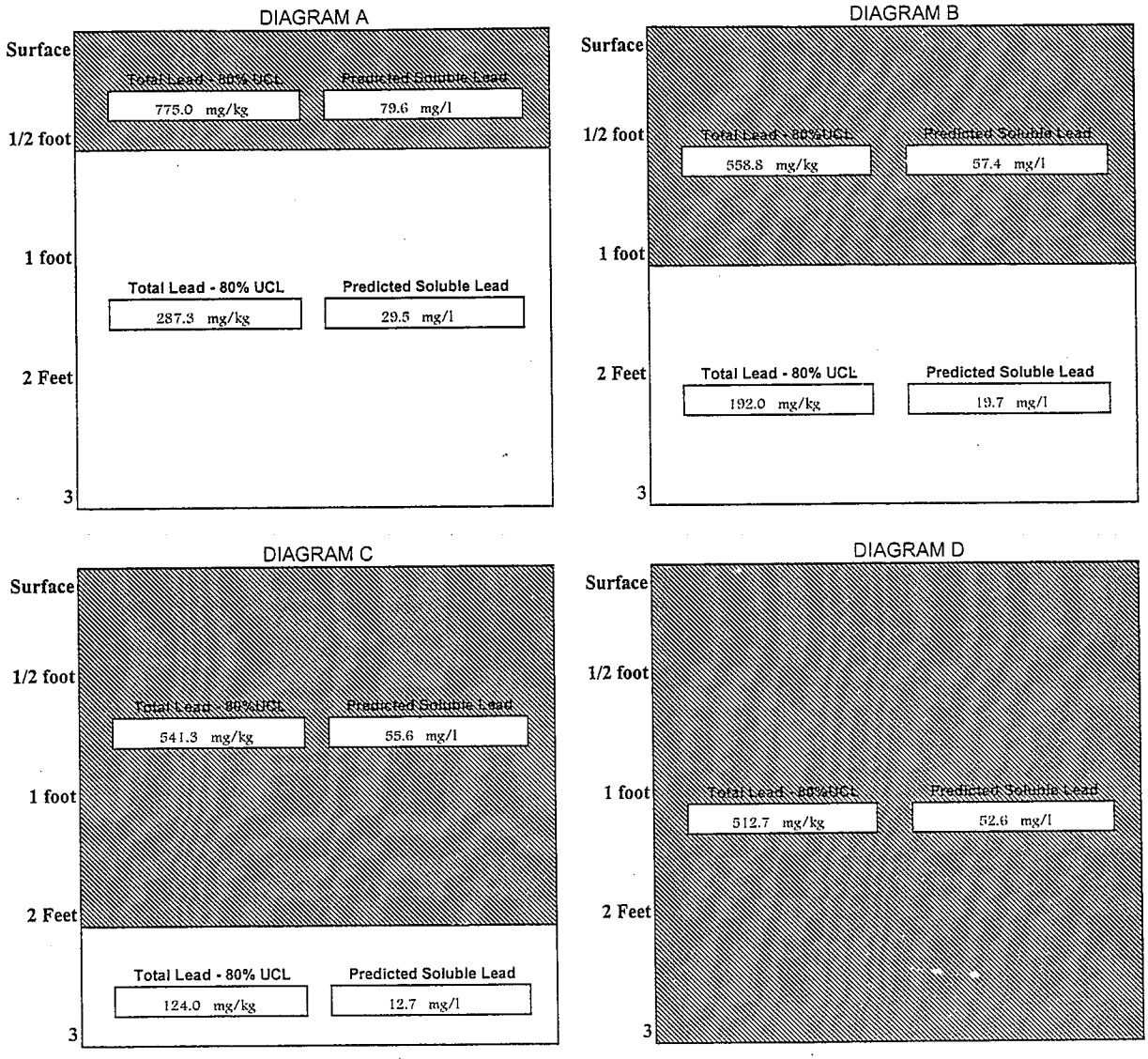


DIAGRAM A --	Separate the top	1/2 foot	of soil from the remaining underlying soil
DIAGRAM B --	Separate the top	0.0	of soil from the remaining underlying soil
DIAGRAM C --	Separate the top	2 Feet	of soil from the remaining underlying soil
DIAGRAM D --	Analysis of the entire	3.0	as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 1/2 foot of soil is excavated and kept separate from the underlying soil. In this case, the top 1/2 foot of soil would be expected to exhibit an average total lead concentration of 775.0 mg/kg and an average (WET-Citric Acid) soluble lead concentration of 79.6 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 287.3 mg/kg and an average (WET -Citric Acid) soluble lead concentration of 29.5 mg/l.

Project Name: Route 10
Project No.: 08730-06-76
Task Order No.: 07-142900-HM

Block Diagrams - 95% UCL for Lognormal Distribution

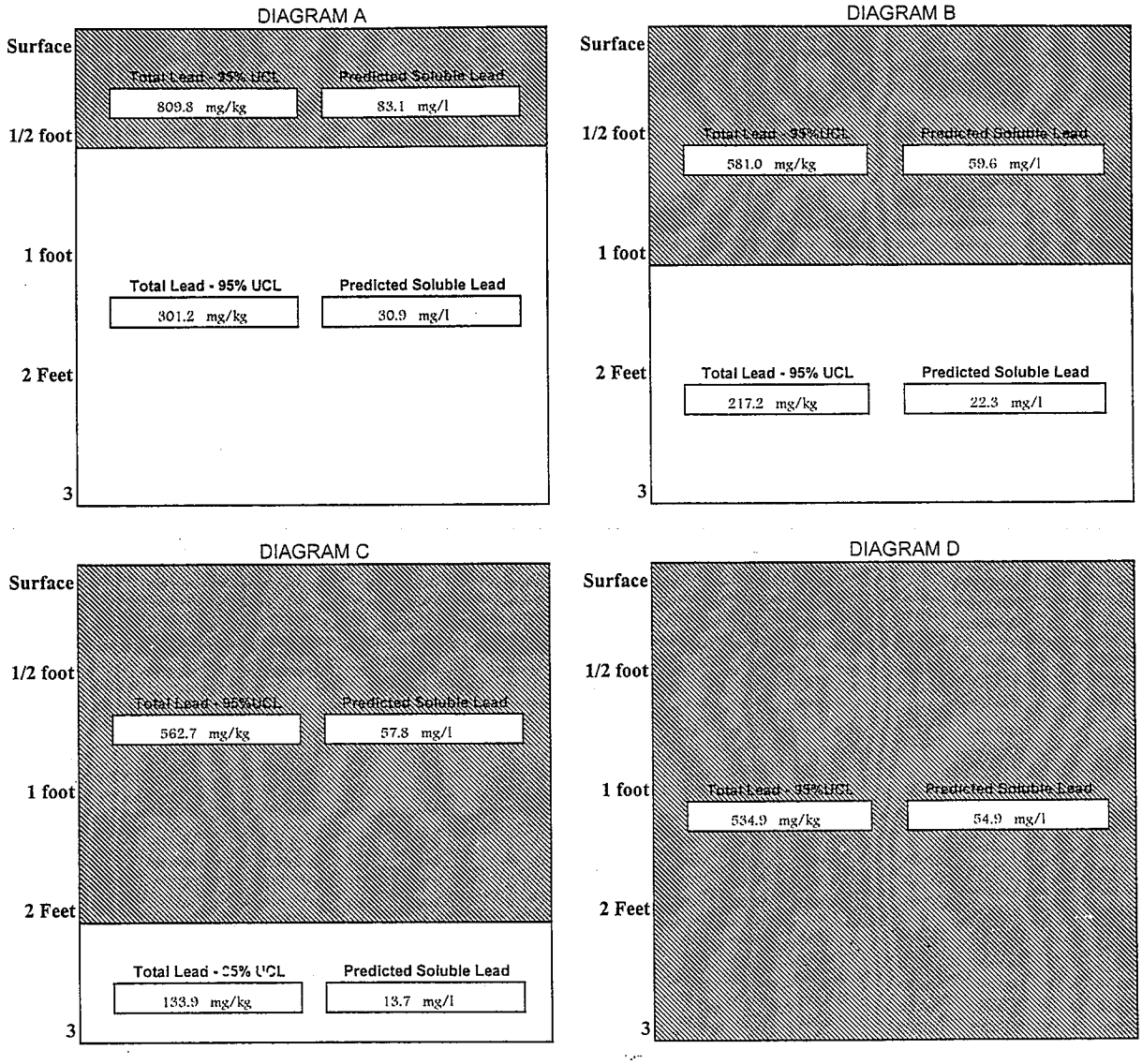


DIAGRAM A --	Separate the top	1/2 foot	of soil from the remaining underlying soil
DIAGRAM B --	Separate the top	0.0	of soil from the remaining underlying soil
DIAGRAM C --	Separate the top	2 Feet	of soil from the remaining underlying soil
DIAGRAM D --	Analysis of the entire	3.0	as a single unit

The above diagrams show the total and predicted soluble lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 1/2 foot of soil is excavated and kept separate from the underlying soil. In this case, the top 1/2 foot of soil would be expected to exhibit an average total lead concentration of 809.8 mg/kg and an average (WET-Citric Acid) soluble lead concentration of 83.1 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 301.2 mg/kg and an average (WET -Citric Acid) soluble lead concentration of 30.9 mg/l.