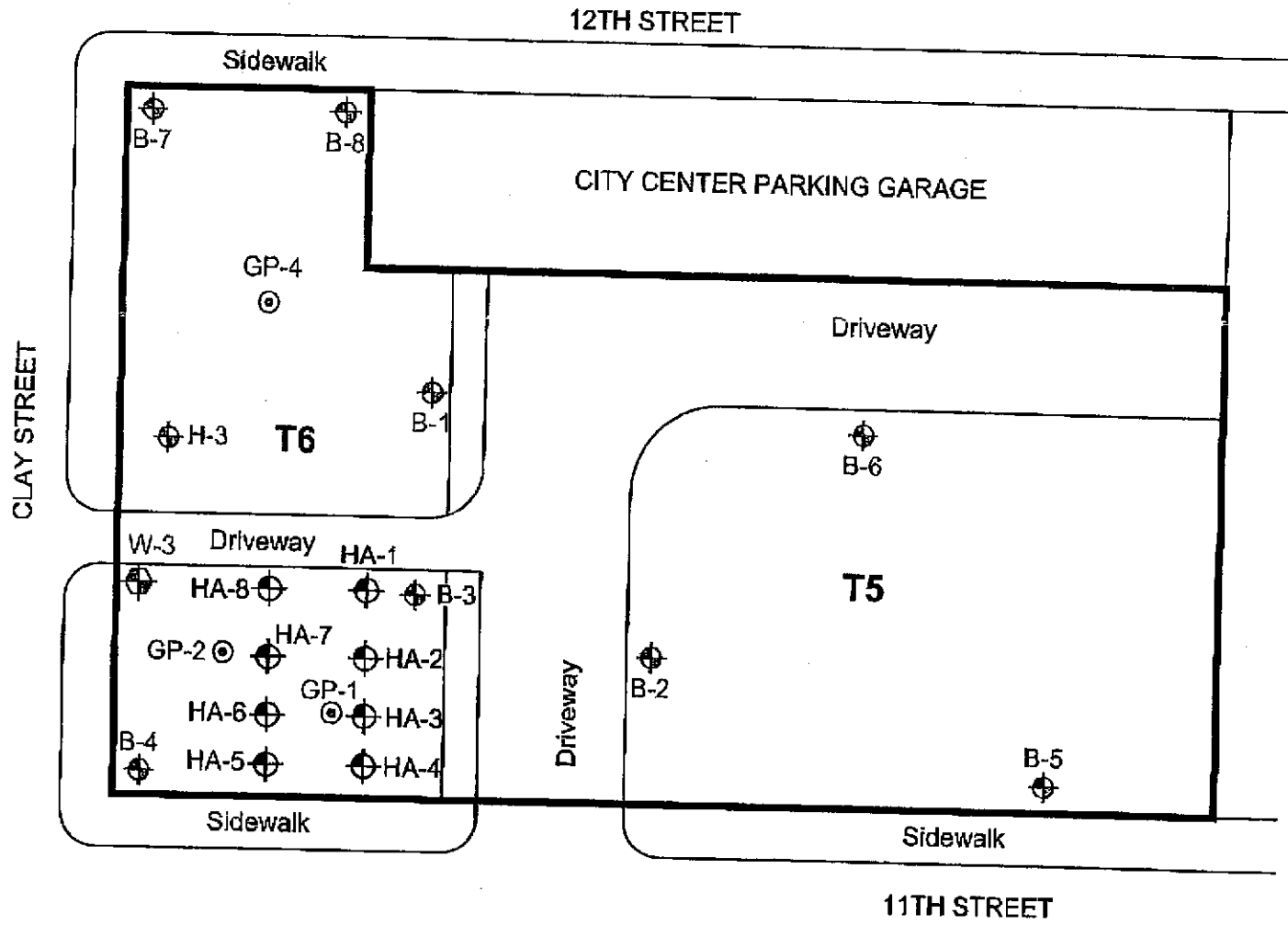








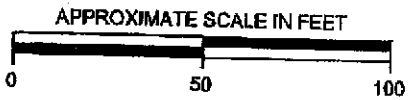
G:\JOBDOCS\272\272.073\A272.073.03.dwg 11-02-01 09:30:40 AM cyoung

11/02/2001 11:54 FAX



LEGEND:

-  Approximate Hand-Auger Boring Location
-  Approximate Boring Location (8/2/01)
-  Approximate Geoprobe Hand Auger Location
-  Approximate Hand-Auger Boring Location
-  Approximate Monitoring Well Location
-  Approximate Site Boundary




Subsurface Consultants, Inc.
Geotechnical & Environmental Engineers

SITE PLAN		
CITY CENTER PARCEL T6 OAKLAND, CALIFORNIA		
DRAWN BY: CFY	DATE: 11/2/01	PLATE 1
JOB NUMBER 272.073	FILE NUMBER: A272.073.03	

Submission #: 2001-10-0730

Date: November 2, 2001



Subsurface Consultants, Inc.

1000 Broadway Suite 200
Oakland, CA 94607

Attn: Ms. Emily Silverman

Project: 272.073
City Center T-5/6

STL Chromalab
1220 Quarry Lane
Pleasanton, CA 94566

Tel 925 484 1919
Fax 925 484 1096
www.stl-inc.com
www.chromalab.com
CA DHS ELAP#1094

Dear Ms. Silverman,

Attached is our report for your samples received on Wednesday October 31, 2001. This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after December 15, 2001 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: gcook@chromalab.com

Sincerely,

A handwritten signature in cursive script that reads "Gary Cook".

Gary Cook
Project Manager

Submission #: 2001-10-0730

Total Lead

SEVERN

TRENT

SERVICES

Subsurface Consultants, Inc.	☒ 1000 Broadway Suite 200 Oakland, CA 94607
Attn: Emily Silverman	Phone: (510) 267-4417 Fax: (510) 268-0137
272.073	Project: City Center T-5/6

STL Chromalab
1220 Quarry Lane
Pleasanton, CA 94566

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Fax 925 484 1096
www.st-inc.com
www.chromalab.com

CA DHS ELAP#1084

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
HA-1	Soil	10/31/2001 14:20	1
HA-2	Soil	10/31/2001 14:00	2
HA-3	Soil	10/31/2001 14:40	3
HA-4	Soil	10/31/2001 13:40	4
HA-5	Soil	10/31/2001 15:20	5
HA-6	Soil	10/31/2001 15:00	6
HA-7	Soil	10/31/2001 13:20	7
HA-8	Soil	10/31/2001 13:00	8

Submission #: 2001-10-0730



Total Lead

Subsurface Consultants, Inc.
Attn: Emily Silverman

Test Method: 6010B
Prep Method: 3050B

STL Chromalab
1220 Quarry Lane
Picasanton, CA 94566

Tel 925 484 1919
Fax 925 484 1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP#1094

Sample ID: HA-1	Lab Sample ID: 2001-10-0730-001
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:25
Sampled: 10/31/2001 14:20	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	5.7	1.0	mg/Kg	1.00	11/01/2001 10:26	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B

Sample ID: HA-2	Lab Sample ID: 2001-10-0730-002
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:25
Sampled: 10/31/2001 14:00	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

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Pleasanton, CA 94566

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www.chromalab.com

CA DHS ELAP#1094

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	2.3	1.0	mg/Kg	1.00	11/01/2001 10:35	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B



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www.chromalab.com

CA DHS ELAP#1094

Sample ID: HA-3	Lab Sample ID: 2001-10-0730-003
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:25
Sampled: 10/31/2001 14:40	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	20	1.0	mg/Kg	1.00	11/01/2001 10:39	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B

Sample ID: HA-4	Lab Sample ID: 2001-10-0730-004
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:26
Sampled: 10/31/2001 13:40	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

SEVERN
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www.chromalab.com

CA DHS ELAP#1094

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	16	1.0	mg/Kg	1.00	11/01/2001 17:03	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B

Sample ID: HA-5	Lab Sample ID: 2001-10-0730-005
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:25
Sampled: 10/31/2001 15:20	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

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www.chromalab.com

CA DHS ELAP#1094

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	170	1.0	mg/Kg	1.00	11/01/2001 17:07	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B

Sample ID: HA-6	Lab Sample ID: 2001-10-0730-006
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:25
Sampled: 10/31/2001 15:00	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15



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CA DHS ELAP#1094

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	71	1.0	mg/Kg	1.00	11/01/2001 17:11	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B



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www.chromalab.com

CA DHS ELAP#1094

Sample ID: HA-7	Lab Sample ID: 2001-10-0730-007
Project: 272.073 City Center T-5/6	Received: 10/31/2001 17:25
Sampled: 10/31/2001 13:20	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	4.9	1.0	mg/Kg	1.00	11/01/2001 17:14	

Submission #: 2001-10-0730

Total Lead

Subsurface Consultants, Inc.

Attn: Emily Silverman

Test Method: 6010B

Prep Method: 3050B



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www.chromalab.com

CA DHS ELAP#1084

Sample ID: HA-8	Lab Sample ID: 2001-10-0730-008
Project: 272.073 City Center T-5/B	Received: 10/31/2001 17:25
Sampled: 10/31/2001 13:00	Extracted: 11/01/2001 05:23
Matrix: Soil	QC-Batch: 2001/11/01-01.15

Compound	Result	Rep. Limit	Units	Dilution	Analyzed	Flag
Lead	7.1	1.0	mg/Kg	1.00	11/01/2001 17:18	

Submission #: 2001-10-0730



Total Lead

Batch QC report

Test Method: G010B

Prep Method: 3050B

STL Chromalab
1220 Quarry Lane
Pleasanton, CA 94566

Method Blank
MB: 2001/11/01-01.15-011

Soil

QC Batch # 2001/11/01-01.15
Date Extracted: 11/01/2001 05:23

Tel 925 484 1919
Fax 925 484 1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP#1094

Compound	Result	Rep.Limit	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	11/01/2001 10:03	

Submission #: 2001-10-0730



Total Lead
Batch QC report

Test Method: 6010B

Prep Method: 3050B

STL Chromalab
1220 Quarry Lane
Pleasanton, CA 94566

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/11/01-01.15
LCS: 2001/11/01-01.15-012	Extracted: 11/01/2001 05:23	Analyzed: 11/01/2001 10:11
LCSD: 2001/11/01-01.15-013	Extracted: 11/01/2001 05:23	Analyzed: 11/01/2001 10:15

Tel 925 484 1919
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www.chromalab.com

CA DHS ELAP#1094

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery (%)			RPD	Ctrl.Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD	
Lead	93.8	97.8	100.0	100.0	93.8	97.8	4.2	80-120	20			

Submission #: 2001-10-0730



Total Lead
Batch QC Report

Test Method: 601CB

Prep Method: 3050B

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CA DHS ELAP#1094

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/11/01-01.15
Sample ID: HA-1 >> MS		Lab ID: 2001-10-0730-001
MS: 2001/11/01-01.15-017	Extracted: 11/01/2001 05:23	Analyzed: 11/01/2001 10:29
		Dilution: 1
MSD: 2001/11/01-01.15-018	Extracted: 11/01/2001 05:23	Analyzed: 11/01/2001 10:32
		Dilution: 1

Compound	Conc. (mg/Kg)			Exp. Conc.		Recovery (%)		RPD	Ctrl.Limits (%)		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	(%)	Recovery	RPD	MS	MSD
Lead	98.0	96.8	5.72	100.0	100.0	90.3	91.1	0.9	80-120	20		