

10290

# FAX TRANSMISSION SHEET

Alameda County

OCT 12 2004

Environmental Health



TO: Barney Chan

FAX #: 337-9335

FROM: Derek Wong

DATE: October 12, 2004

SUBJECT: 301 14th Street

PAGES: 10

(to follow)

Barney: \_\_\_\_\_

Attached please find a summary of the soil and  
groundwater data collected at the Site. If you  
have any questions or concerns, please feel  
to contact Peng Leong or myself at (510) 652-3222.

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Tel (510) 652-3222  
 Fax (510) 652-3555

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P. O. Box 99200  
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 94602-9200

SUMMARY OF SOIL SAMPLE CHARACTERIZATION DATA  
 301 14TH STREET  
 OAKLAND, CALIFORNIA  
 (concentrations are expressed in mg/kg)

Sample Date	Sample ID	Depth (# ft)	TPH-gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	Lead
<b>SOIL SAMPLING - Soil Boring and Well Installation Report (GeoStrategies Inc., June 1990)</b>								
6/4/1990	C-1-15	15	1.0	0.05	<0.05	<0.05	<0.05	NA
6/4/1990	C-1-20	20	800	3.6	32	13	77	NA
6/4/1990	C-1-25	25	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-2-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-2-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-2-22	22	11	1.1	1.7	0.15	0.87	NA
6/4/1990	C-3-5	5	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/4/1990	C-3-10	10	<1.0	0.13	<0.05	<0.05	<0.05	NA
6/4/1990	C-3-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/4/1990	C-3-20	20	840	0.93	15	9	63	NA
6/4/1990	C-3-25	25	3	0.07	0.05	<0.05	0.19	NA
6/4/1990	C-4-20	20	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/4/1990	C-4-25	25	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/4/1990	C-A-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/4/1990	C-A-15	15	2	<0.05	<0.05	<0.05	0.1	NA
6/4/1990	C-A-20	20	1,200	5.6	43	18	120	NA
6/4/1990	C-A-25	25	2	0.1	0.06	<0.05	0.09	NA
6/5/1990	C-B-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-B-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-B-20	20	1,900	12	80	16	150	NA
6/5/1990	C-B-25	25	9	1.3	0.83	0.05	0.31	NA
6/5/1990	C-C-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-C-15	15	<1.0	0.22	<0.05	<0.05	<0.05	NA
6/5/1990	C-C-20	20	360	0.75	9.9	4.8	30	NA
6/5/1990	C-C-25	25	290	1.5	8	1.1	19	NA
6/5/1990	C-D-5	5	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-D-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-D-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA
6/5/1990	C-D-20	20	3	0.32	0.32	<0.05	0.15	NA
6/5/1990	C-D-25	25	<1.0	<0.05	<0.05	<0.05	<0.05	NA
<b>SOIL SAMPLING - Well Installation Report (GeoStrategies Inc., October 1990)</b>								
10/18/90	C-5-15.5	15.5	6.0	0.088	0.3	0.094	0.56	NA
10/18/90	C-5-20.5	20.5	3	0.17	0.49	0.071	0.51	NA
10/18/90	CR-1-15.5	15.5	1	0.54	0.17	0.059	0.11	NA
10/18/90	CR-1-20.5	20.5	1,200	9.5	56	18	110	NA

**SUMMARY OF SOIL SAMPLE CHARACTERIZATION DATA**  
**301 14TH STREET**  
**OAKLAND, CALIFORNIA**  
 (concentrations are expressed in ug/kg)

Sample Date	Sample ID	Depth (ft bgs)	TPH-gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	Lead
<b>SOIL SAMPLING - Overexcavation of UST Pit and Trench Samples (GeoStrategies Inc., February 1991)</b>								
2/21/1991	CX-1B	14	6,100	57	440	120	740	NA
2/21/1991	CX-2B	15	2,100	16	180	54	310	NA
2/21/1991	CX-3B	14	<1.0	0.049	0.055	0.006	0.04	NA
2/21/1991	CX-4B	15	4,600	14	130	77	140	NA
2/21/1991	CX-5B	15	<1.0	<0.005	0.003	<0.005	0.006	<10.0
2/21/1991	CX-6B	15	<1.0	<0.005	0.008	<0.005	0.006	<10.0
3/6/1991	CX-7S	15	<1.0	<0.005	<0.005	<0.005	<0.005	NA
3/6/1991	CX-8S	15	<1.0	0.007	0.007	<0.005	0.007	NA
2/21/1991	CT-1	3	7,800	2.8	140	110	1,200	NA
2/21/1991	CT-2	3.5	30	<0.015	0.017	0.11	0.33	NA
2/21/1991	CT-3	3	<1.0	<0.005	0.005	<0.005	0.005	NA
2/21/1991	CT-4	3	<1.0	<0.005	0.011	<0.005	0.011	NA
<b>SOIL SAMPLING - Well Installation Report (GeoStrategies Inc., April 1991)</b>								
4/25/1991	C-6-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/25/1991	C-6-22.5	22.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/25/1991	C-6-25.5	25.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/23/1991	C-7-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/23/1991	C-7-20.5	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/23/1991	C-7-24.5	24.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/24/1991	C-8-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/24/1991	C-8-22.5	22.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/24/1991	C-8-25.5	25.5	10.0	<0.005	0.04	0.03	0.1	NA
4/30/1991	C-9-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/30/1991	C-9-20.5	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/30/1991	C-9-23.5	23.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
<b>SOIL SAMPLING - Well Installation Report (Groundwater Technology Inc., June 1992)</b>								
6/11/1992	MW-10C	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA
6/11/1992	VEW1B	19	1100.0	14	56	18	91	NA

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Sample Date	Sample ID	Depth (ft bgs)	TPH-gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
<b>SOIL SAMPLING - Additional Environmental Assessment (Groundwater Technology Inc., March 1993)</b>								
3/1/1993	VEW-3(10)	10	<1.0	<0.005	<0.005	<0.005	<0.015	NA
3/1/1993	VEW-3(20)	20	2,500	25	120	23	460	NA
<b>SOIL SAMPLING - Subsurface Investigation (Sierra Environmental Services, April 1994)</b>								
4/27/1994	MW-11(20)	20	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/27/1994	MW-12(15)	15	<1.0	<0.005	<0.005	<0.005	<0.005	NA
4/27/1994	MW-12(20)	20	5.0	0.007	0.016	0.011	0.84	NA
<b>SOIL SAMPLING - Drilling Report (Terra Vac, July 1995)</b>								
7/21/1995	SP1-20.2	20.2	3,100	13	47	39	280	NA
7/21/1995	SP2-20.0	20	1,900	15	72	34	230	NA
7/21/1995	VEW4-20.3	20.2	<1.0	0.081	0.0078	0.019	0.095	NA
7/21/1995	VEW5-23.7	23.7	28	7	7.6	0.52	2.4	NA
<b>SOIL SAMPLING - Drilling Report (Terra Vac, October 1995)</b>								
10/2/1995	SP3-20.2	20.2	14,000	17	940	270	1,400	NA
10/2/1995	SP3-35.5	35.5	<1.0	0.044	0.065	0.011	0.071	NA
10/3/1995	SP4-25.3	25.3	9.5	1.8	0.79	0.23	1	NA
10/3/1995	SP4-30.3	30.3	11	0.45	2	0.29	2.3	NA
<b>SOIL SAMPLING - Interim Boring Installation Report (Terra Vac, December 1995)</b>								
Dec 1995	SP5-19.3	19.3	120.0	<2.5	<0.25	<0.25	2	NA
Dec 1995	SP5-24.3	24.3	9.9	1	1.8	0.16	1.1	NA
Dec 1995	SP6-20.3	20.3	6,900	96	560	150	940	NA
Dec 1995	SP6-25.3	25.3	10	1.6	0.75	0.2	1.1	NA
Dec 1995	SP7-20.3	20.3	4,600	<6.0	120	82	760	NA
Dec 1995	SP7-25.3	25.3	3.8	<0.005	0.15	0.046	0.86	NA
Dec 1995	SP8-20.7	20.7	3,600	<6.0	<6.0	<6.0	210	NA
Dec 1995	SP8-25.7	25.7	<1.0	0.038	0.015	0.0056	4.1	NA
Dec 1995	SP8-30.7	30.7	<1.0	0.066	0.029	<0.005	0.034	NA

OCT 12 '04 11:41 FROM:

T-489 P.04/11 F-251



INITIAL AND CURRENT GROUNDWATER CHARACTERIZATION DATA  
301 14th Street  
Oakland, California

(concentrations are expressed in ug/L)

Well ID	Date Sampled	DTW (feet)	TPH-Gas	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
C-1	6-13-90	21.97	26,000	2,800	5,100	400	2,600	NA
C-1	6-27-97	19.21	140	<0.5	<0.5	<0.5	0.55	<2.5
C-1	6-4-04	20.31	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
C-2	6-13-90	22.08	15,000	1,100	1,900	260	1,700	NA
C-2	6-27-97	20.47	170	1.1	<0.5	<0.5	<0.5	<2.5
C-2	6-4-04	20.51	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	3-15-93	20.76	530,000	69,000	58,000	6,000	32,000	NA
C-3	6-22-98	18.45	8,400	990	<50.0	<50.0	320	<250.0
C-3	6-4-04	21.00	7,400	2,200	9.0	27	23	<2.0
C-4	6-13-90	22.73	440	47	47	3.0	61	NA
C-4	6-27-97	19.96	<50.0	<0.5	<0.5	<0.5	<0.5	<2.5
C-4	6-4-04	21.26	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	10-30-90	22.11	20,000	2,500	3,300	320	2,200	NA
C-5	6-27-97	20.81	490	6.9	<1.0	<1.0	5.7	<5.0
C-5	6-4-04	21.08	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5

NA Not Analyzed



INITIAL AND CURRENT GROUNDWATER CHARACTERIZATION DATA  
 301 14th Street  
 Oakland, California

(concentrations are expressed in ug/L)

Well ID	Date Sampled	DTW (feet)	TPH-Gas	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
C-6	5-2-91	21.84	<50.0	<0.5	<0.5	<0.5	<0.5	NA
C-6	6-4-04	19.61	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
C-7	5-2-91	21.81	<50.0	<0.5	<0.5	<0.5	<0.5	NA
C-7	6-27-97	20.72	<50.0	<0.5	<0.5	<0.5	<0.5	<2.5
C-7	6-4-04	20.12	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
C-8	5-2-91	21.24	5,000	<0.5	17	140	470	NA
C-8	6-27-97	20.76	3,600	<2.5	16	15	5.4	<12.0
C-8	6-4-04	19.62	220	<0.5	0.5	<0.5	<0.5	<0.5
C-9	5-2-91	21.27	<50.0	<0.5	<0.5	<0.5	0.8	NA
C-9	6-27-97	19.41	<50.0	<0.5	<0.5	<0.5	<0.5	<2.5
C-9	6-4-04	19.74	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	1-21-93	21.27	<50.0	<0.5	<0.5	<0.5	<0.5	NA
MW-10	6-27-97	19.21	<50.0	<0.5	<0.5	<0.5	<0.5	<2.5
MW-10	6-4-04	19.49	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5

NA Not Analyzed

OCT 12 '04 11:42 FROM:

T-489 P 06/11 F-251



INITIAL AND CURRENT GROUNDWATER CHARACTERIZATION DATA  
301 14th Street  
Oakland, California

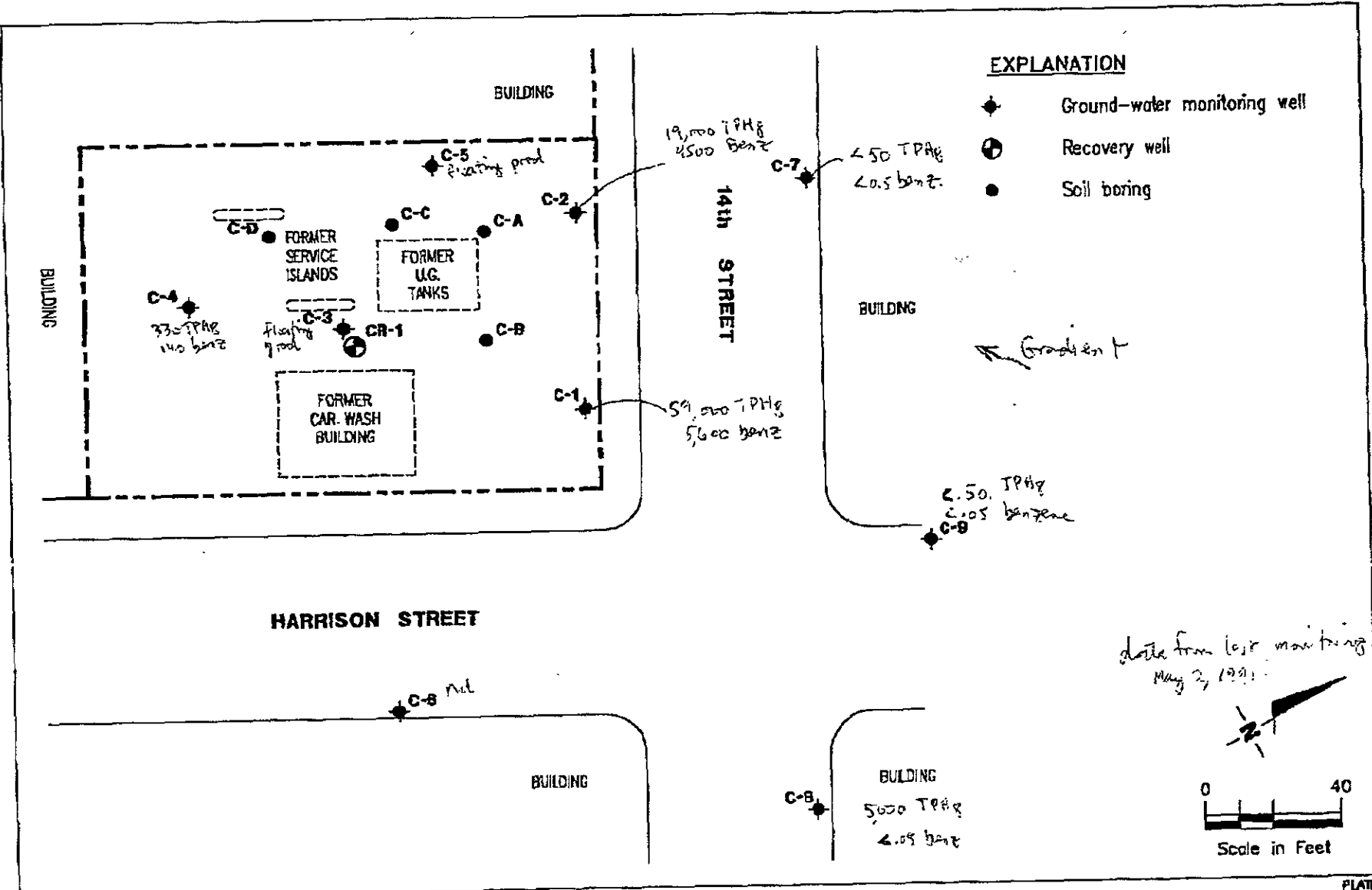
(concentrations are expressed in ug/L)

Well ID	Date Sampled	DTW (feet)	TPH-Gas	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW-11	5-6-94	--	<50.0	1.4	<0.5	<0.5	0.6	NA
MW-11	6-27-97	19.51	<50.0	<0.5	<0.5	<0.5	<0.5	<2.5
MW-11	6-4-04	20.05	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
MW-12	5-6-94	--	160,000	69,000	16,000	1,900	7,600	NA
MW-12 <sup>1</sup>	6-27-97	19.87	96	1.2	<0.5	<0.5	<0.5	<2.5
CR-1	3-15-93	20.34	410,000	28,000	42,000	5,200	37,000	NA
CR-1	6-22-98	18.55	17,000	410	260	400	1,500	1,800
CR-1	6-4-04	21.06	87	9	<0.5	<0.5	<0.5	<0.5

NA Not Analyzed

Note:

1. MW-12 has been abandoned.



GeoStrategies Inc.

**SITE PLAN**  
Former Chevron Service Station #4816  
301 14th Street  
Oakland, California

PLATE  
**2**

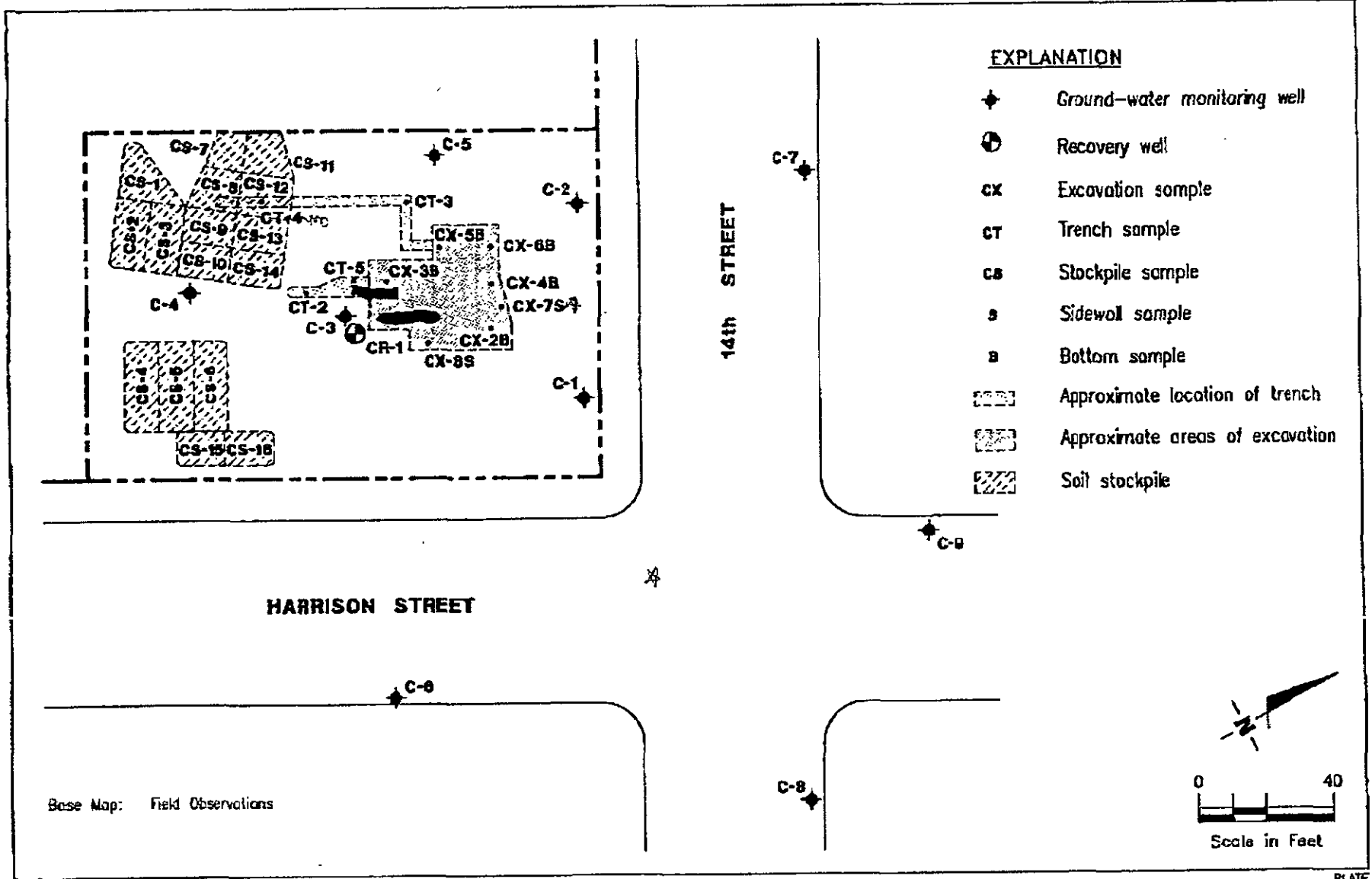
JOB NUMBER  
727002-6

REVIEWED BY  
DHP

DATE  
6/91

REVISED DATE





GeoStrategies Inc.

SOIL SAMPLING AND STOCKPILE MAP  
Former Chevron Service Station #4816  
301 14th Street  
Oakland, California

PLATE

**3**

JOB NUMBER  
727003-7

REVIEWED BY  
LSY

DATE  
7/91

REVISED DATE

*\*overex sample*