INFORMATION HANDOUT

For Contract No. 11-282404
At 11-SD-15, 94-Var

Identified by
Project ID 1100000314

MATERIALS INFORMATION

Geotechnical Design Report for Percolation Tests, dated July 2, 2012

Areially Deposited Lead Study Report, dated June 17, 2010

Memorandum

Flex your power!
Be energy efficient!

To: Kenneth Johansson - 11
Design

Date: July 2, 2012
File: 11-SD-94-PM 2.2–9.5
1100000314
Chollas Creek BMP

From: **DEPARTMENT OF TRANSPORTATION**
DIVISION OF ENGINEERING SERVICES
Geotechnical Services MS 5
Office of Geotechnical Design – South 2, Branch C

Subject: Geotechnical Design Report for Percolation Tests

Introduction

Per your request dated April 10, 2012, this Office is providing test results for 6 percolation tests conducted near the intersection of SR-94 and I-15 in San Diego County, California. It is our understanding that the percolation test results were requested in order to design proposed Best Management Practices (BMPs) as part of Chollas Creek Watershed Project related to the SR-94 widening project. The Project Report for the Chollas Creek Watershed Project proposes implementation of 7 infiltration trenches with modified modular filler material as the approved BMP treatment throughout the watershed. The proposed BMP infiltration trenches are located underground and have an in-line by-pass system which is designed for soils with very slow infiltration rates. The subsurface information provided in this report is based on the existing Referenced data and our subsurface investigation conducted between May 14 and May 17, 2012

References

1) "As Built Log of Test Borings (LOTB) for the Southwest Connector Overcrossing (widen) Route 15/94 Separation, BR. 57-0350F " California Department of Transportation, Engineering Geology Branch, October 7, 1994.

2) "Preliminary Geologic Maps," California Department of Conservation, Office of California Geological Survey, 2007.

3) "District Preliminary Geotechnical Report for the Widening of State Route 94 from the SR-94/I-5 separation to 0.2 miles west of 47th Street. OGDS-2 April 21, 2010. 11-28700

Geology

The Chollas Creek Watershed Project site lies within the San Diego Embayment section of the Peninsular Ranges Geomorphic Province of California. The San Diego Embayment consists of thick sequences of marine and non-marine sediments. The References above identifies the project area as underlain Clayey Silts, Silty fine Sands, Silty Sandstones and Sandy Siltstones. During our subsurface percolation testing and groundwater investigation of May 2012, the soils

encountered included Clays, Silts and fine Sands to a depth of 22 feet below existing grade of SR 94 and I-15

Topography & Drainage

The area is characterized by low relief mesa like topography with flat lying marine terraces incised by narrow steep canyons and arroyos. The average elevation of the project is approximately 70-feet above Mean Sea Level (MSL). The SR- 94 widening project crosses what is referred to as the Coronado Hydrologic Unit and is locally drained by Chollas Creek (Delfacto 1977). Infiltration of rainfall within the project area is considered slow, resulting in significant surface runoff. The majority of runoff from within the proposed project limits is directed to Chollas Creek.

Groundwater

Reference #1 indicates groundwater was not encountered down to an elevation of 35 feet. Groundwater was not encountered during our May, 2012 subsurface investigation which extended a minimum of 10 feet below each percolation test pit elevation.

Test Method

Percolation Tests were designed by California Test method (CT) 749 (1986) for 12-inch diameter test holes. Typically 3 test pits are required for each location, although because of the homogeneity of the site soils, and the closeness and number of locations, only one percolation test pit was requested to be tested for each location. Test pits were excavated by power auger, shovel and hand auger. The testing pit dimensions were approximately 8" wide by 18" deep. Test pits were filled with water and allowed to "pre-soak" overnight or for a minimum of 12 hours. Percolation testing in all of the 6 test pits proceeded for 4 hours each. Test data was then corrected for an 8-inch diameter bore hole, 4-inch diameter perforated pipe and pea gravel backfill. The percolation test results for the 6 test pits are provided in Table 1 below.

Test Results

The averaged percolation test rate for the area was approximately 667 minutes per inch, this average can be considdered conservative and actual perc rates may be slightly faster. The slow percolation rates would suggest our percolation tests were conducted in the slow draining Sandstones or Siltstones as described in the References. Site GB #2 was not accessible and not tested during our investigation. The test result from GB #7 was not included in the average because the test there may have been affected by the Caltrans irrigation sprinklers which were irrigating the area during the test, which may have caused the percolation rates there to be much slower than the other sites. It is my professional judgment that the average percolation rate of 667 minutes per inch can be used to design the 7 proposed BMS including the one proposed at GB #7 and GB #2.

Table 1
Percolation Test Results

BMP Name & Route	Location Line, Station and Offset	Ground elevation ft.	Soil encountered	Percolation testing elevation	Percolation rate Minutes/inch
GB #2 SR-94	"MZ1" 173+71 218.0 Rt.	124	No test	No test	No test
GB #4 SR-94	"94R1" 189+89 131.0 Rt.	75	Clayey Silt	64.0	735
GB #6 SR-94	"94R1" 208+80 80.0 Lt.	73	Sandy Silt	65.0	668
GB #7 SR-94	"94R1" 211+60 92.0 Lt.	75	Sandy Silt	64.0	2450
GB #8 I-15	"11SD15A2" 117+04 98.0 Lt.	62	Silty Sand	56.0	534
GB #11 I-15	"11SD15A2" 100+05 224.0 Lt.	73	Sandy Silt	61.0	735
GB #12 I-15	"11SD15A2" 88+65 151.0 Lt.	60	Silty Sand	53.7	666

Construction Considerations

From our site investigation, it appears a 5 foot vertical temporary excavation cut of 1:1 (H: V) should remain stable during basin construction, although contractor shall be responsible for shoring design as deemed necessary. Groundwater is not anticipated to be encountered during construction of the basins.

If you have any questions or comments, please call Brian Gutierrez at (916) 227-1222

Prepared by: Date:

7/2/2012

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S. Wei – GD
GS Corporate

SR-94
AERIALLY DEPOSITED LEAD STUDY REPORT
SR-94 HOV, GENERAL USE, AUXILLARY LANES
BETWEEN I-5 AND I-805
SR-94 PM 1.4 TO 4.4, AND SR-15 R0.655 TO R3.4
SAN DIEGO, CALIFORNIA

CALTRANS CONTRACT NO. 11A1638
EA 11-287100

June 17, 2010

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Prepared for:

State of California
Department of Transportation – District 11
4050 Taylor Street, MS-242
San Diego, California 92110

SR-94
AERIALLY DEPOSITED LEAD STUDY REPORT
SR-94 HOV, GENERAL USE, AUXILLARY LANES
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SAN DIEGO, CALIFORNIA
CALTRANS CONTRACT NO. 11A1638, EA 11-287100

Kleinfelder Project No. 110284

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June 17, 2010

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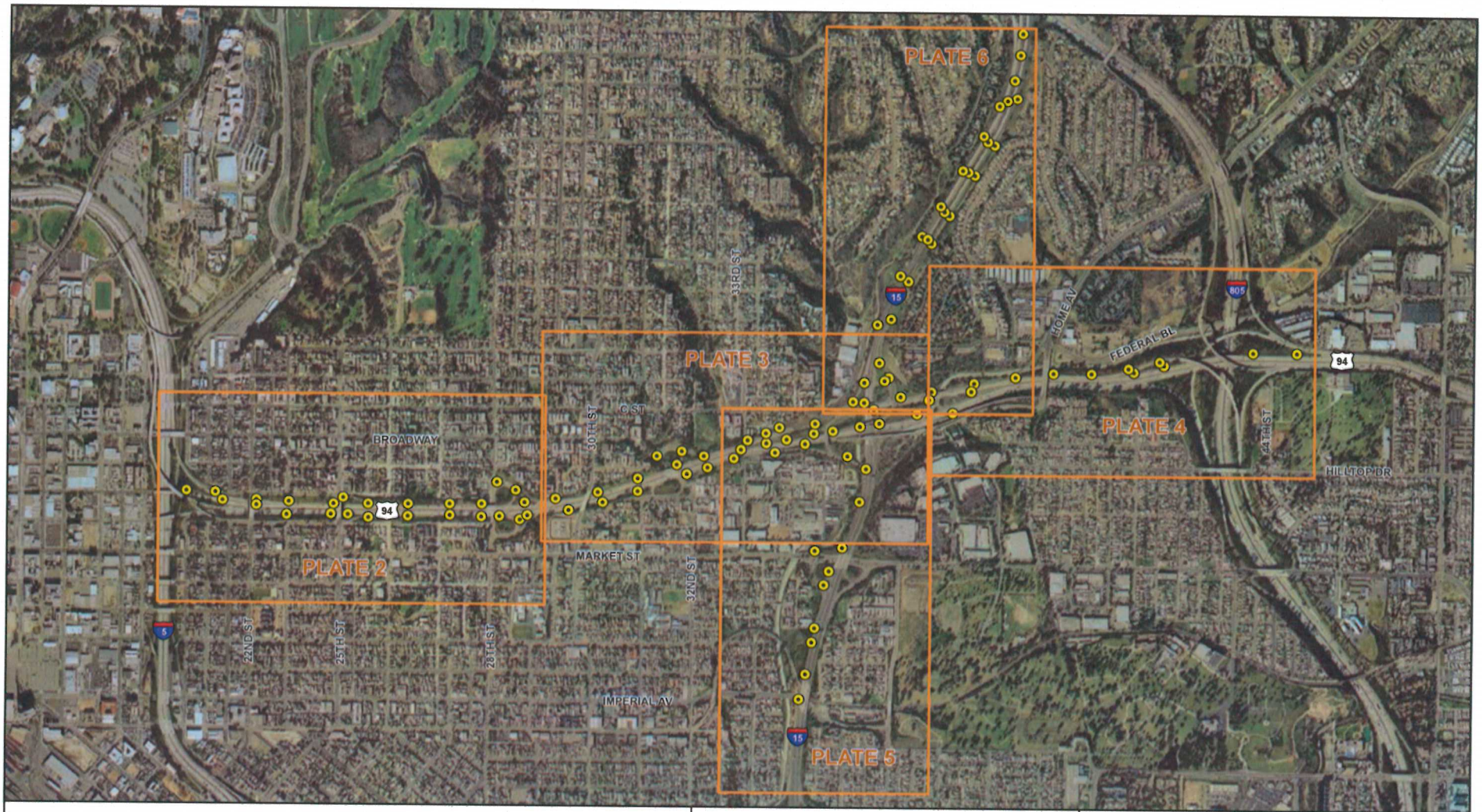


1 inch = 1,225 feet

Feet

0 1,000 2,000 3,000

N

LEGEND

APPROXIMATE SAMPLE LOCATION

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO: 110284
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: JUNE 2010

GeomorphIS

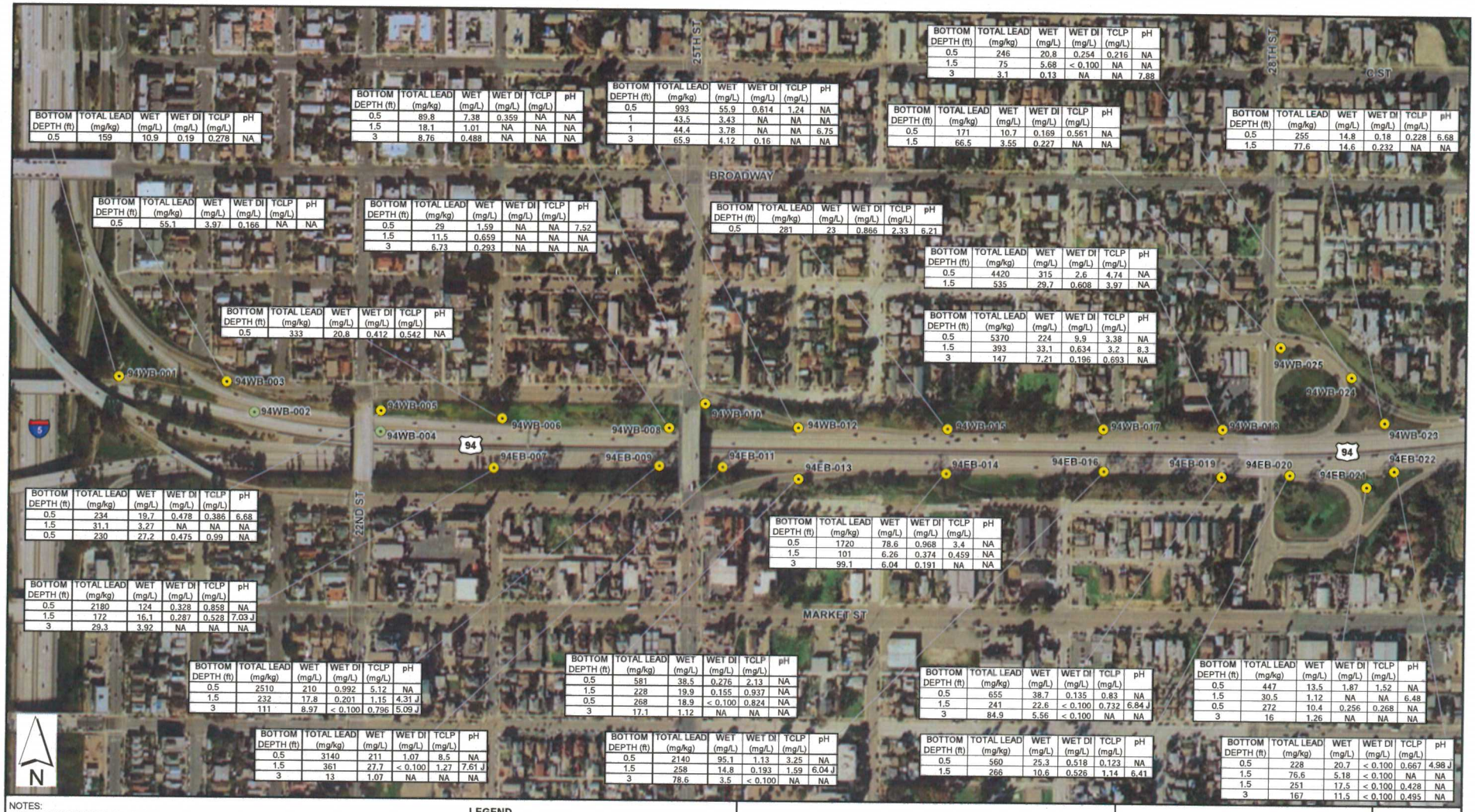
SITE MAP
Aerially Deposited Lead Survey
SR-94 HOV, Caltrans EA 11-287100
San Diego, California

PLATE
1

NOTE: All dimensions and locations are approximate

Imagery: I3, ESRI; 2008

File: Projects\Caltrans\SR94_I15\Plates



BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	159	10.9	0.19	0.278	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	89.8	7.38	0.359	NA	NA
1.5	18.1	1.01	NA	NA	NA
3	8.76	0.488	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	993	55.9	0.614	1.24	NA
1	43.5	3.43	NA	NA	NA
1	44.4	3.78	NA	NA	6.75
3	65.9	4.12	0.16	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	246	20.8	0.254	0.216	NA
1.5	75	5.68	< 0.100	NA	NA
3	3.1	0.13	NA	NA	7.88

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	171	10.7	0.169	0.561	NA
1.5	66.5	3.55	0.227	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	255	14.8	0.18	0.228	6.68
1.5	77.6	14.6	0.232	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	55.1	3.97	0.166	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	29	1.59	NA	NA	7.52
1.5	11.5	0.659	NA	NA	NA
3	6.73	0.293	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	281	23	0.866	2.33	6.21

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	4420	315	2.6	4.74	NA
1.5	535	29.7	0.608	3.97	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	333	20.8	0.412	0.542	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	5370	224	9.9	3.38	NA
1.5	393	33.1	0.634	3.2	8.3
3	147	7.21	0.196	0.693	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	234	19.7	0.478	0.386	6.68
1.5	31.1	3.27	NA	NA	NA
0.5	230	27.2	0.475	0.99	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	1720	78.6	0.968	3.4	NA
1.5	101	6.26	0.374	0.459	NA
3	99.1	6.04	0.191	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	2180	124	0.328	0.858	NA
1.5	172	16.1	0.287	0.528	7.03 J
3	29.3	3.92	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	2510	210	0.992	5.12	NA
1.5	232	17.8	0.201	1.15	4.31 J
3	111	8.97	< 0.100	0.796	5.09 J

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	581	38.5	0.276	2.13	NA
1.5	228	19.9	0.155	0.937	NA
0.5	268	18.9	< 0.100	0.824	NA
3	17.1	1.12	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	655	38.7	0.135	0.83	NA
1.5	241	22.6	< 0.100	0.732	6.84 J
3	84.9	5.56	< 0.100	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	447	13.5	1.87	1.52	NA
1.5	30.5	1.12	NA	NA	6.48
0.5	272	10.4	0.256	0.268	NA
3	16	1.26	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	3140	211	1.07	8.5	NA
1.5	361	27.7	< 0.100	1.27	7.61 J
3	13	1.07	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	2140	95.1	1.13	3.25	NA
1.5	258	14.8	0.193	1.59	6.04 J
3	78.6	3.5	< 0.100	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	560	25.3	0.518	0.123	NA
1.5	266	10.6	0.526	1.14	6.41

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	228	20.7	< 0.100	0.667	4.98 J
1.5	76.6	5.18	< 0.100	NA	NA
1.5	251	17.5	< 0.100	0.428	NA
3	167	11.5	< 0.100	0.495	NA

NOTES:
MG/KG - MILLIGRAMS PER KILOGRAM
MG/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
WET - WASTE EXTRACTION TEST WITH CITRIC ACID
WET DI - WASTE EXTRACTION TEST WITH DISTILLED WATER
TCLP - TOXICITY CHARACTERISTIC LEACHING PROCEDURE

All dimensions and locations are approximate

Feet
0 250 500

LEGEND

94WB-001
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

94WB-002
BORING LOCATION NOT SAMPLED DUE TO UNDERLYING ASPHALT/PROJECT CONSTRAINTS

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO: 110284
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: MAY 2010

GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
SR-94 HOV, Caltrans EA 11-287100
San Diego, California

PLATE
2

Imagery: I3, ESRI; 2008

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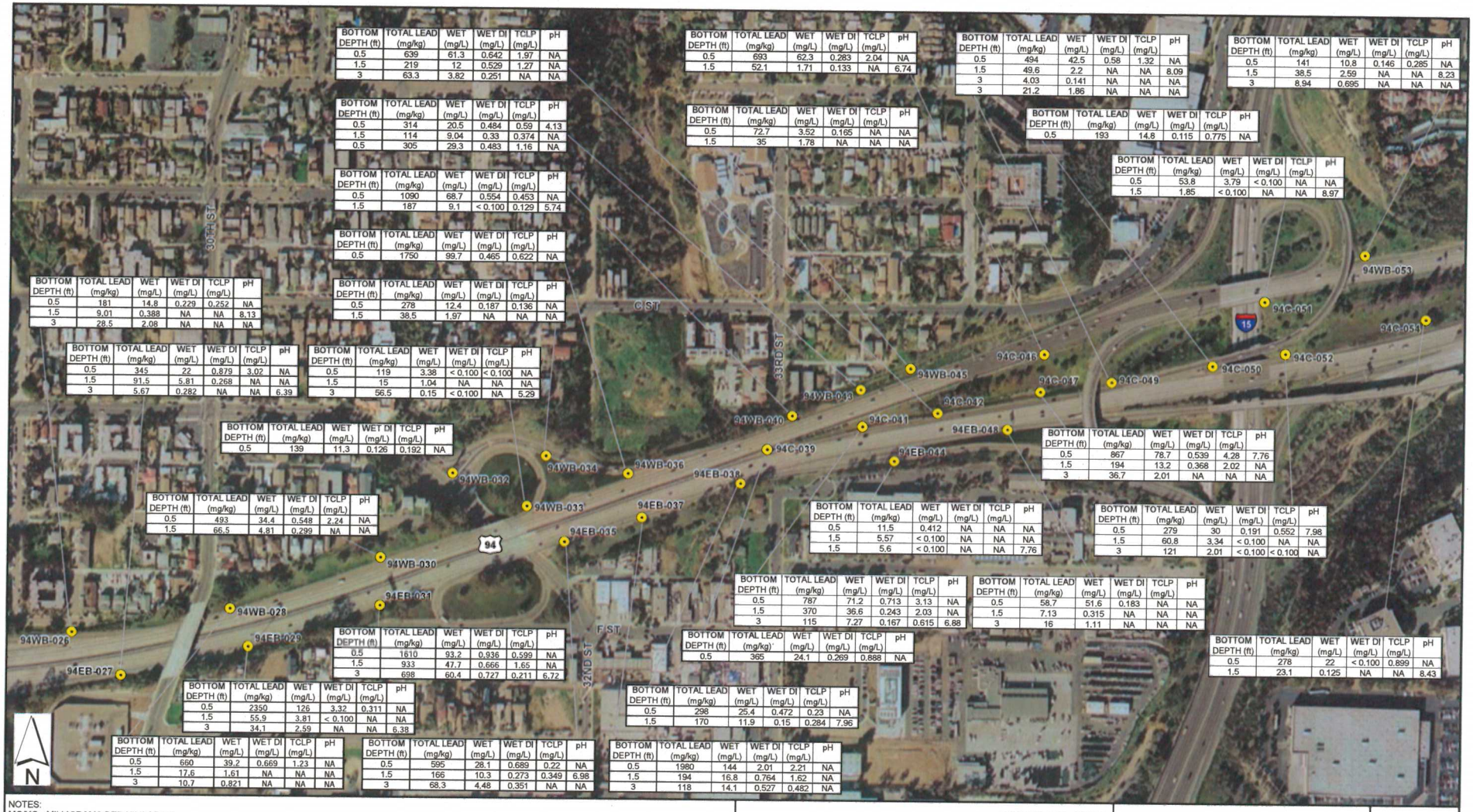


BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	639	61.3	0.642	1.97	NA
1.5	219	12	0.529	1.27	NA
3	63.3	3.82	0.251	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	314	20.5	0.484	0.59	4.13
1.5	114	9.04	0.33	0.374	NA
0.5	305	29.3	0.483	1.16	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	1090	68.7	0.554	0.453	NA
1.5	187	9.1	< 0.100	0.129	5.74

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	1750	99.7	0.465	0.622	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	278	12.4	0.187	0.136	NA
1.5	38.5	1.97	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	181	14.8	0.229	0.252	NA
1.5	9.01	0.388	NA	NA	8.13
3	28.5	2.08	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	345	22	0.879	3.02	NA
1.5	91.5	5.81	0.268	NA	NA
3	5.67	0.282	NA	NA	6.39

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	119	3.38	< 0.100	< 0.100	NA
1.5	15	1.04	NA	NA	NA
3	56.5	0.15	< 0.100	NA	5.29

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	139	11.3	0.126	0.192	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	493	34.4	0.548	2.24	NA
1.5	66.5	4.81	0.299	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	1610	93.2	0.936	0.599	NA
1.5	933	47.7	0.666	1.65	NA
3	698	60.4	0.727	0.211	6.72

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	2350	126	3.32	0.311	NA
1.5	55.9	3.81	< 0.100	NA	NA
3	34.1	2.59	NA	NA	6.38

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	660	39.2	0.669	1.23	NA
1.5	17.6	1.61	NA	NA	NA
3	10.7	0.821	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	595	28.1	0.689	0.22	NA
1.5	166	10.3	0.273	0.349	6.98
3	68.3	4.48	0.351	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	693	62.3	0.283	2.04	NA
1.5	52.1	1.71	0.133	NA	6.74

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	72.7	3.52	0.165	NA	NA
1.5	35	1.78	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	494	42.5	0.58	1.32	NA
1.5	49.6	2.2	NA	NA	8.09
3	4.03	0.141	NA	NA	NA
3	21.2	1.86	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	141	10.8	0.146	0.285	NA
1.5	38.5	2.59	NA	NA	8.23
3	8.94	0.695	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	193	14.8	0.115	0.775	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	53.8	3.79	< 0.100	NA	NA
1.5	1.85	< 0.100	NA	NA	8.97

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	867	78.7	0.539	4.28	7.76
1.5	194	13.2	0.368	2.02	NA
3	36.7	2.01	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	11.5	0.412	NA	NA	NA
1.5	5.57	< 0.100	NA	NA	NA
1.5	5.6	< 0.100	NA	NA	7.76

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	279	30	0.191	0.552	7.98
1.5	60.8	3.34	< 0.100	NA	NA
3	121	2.01	< 0.100	< 0.100	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	787	71.2	0.713	3.13	NA
1.5	370	36.6	0.243	2.03	NA
3	115	7.27	0.167	0.615	6.88

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	58.7	51.6	0.183	NA	NA
1.5	7.13	0.315	NA	NA	NA
3	16	1.11	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	278	22	< 0.100	0.899	NA
1.5	23.1	0.125	NA	NA	8.43

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	365	24.1	0.269	0.888	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	298	25.4	0.472	0.23	NA
1.5	170	11.9	0.15	0.284	7.96

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	1980	144	2.01	2.21	NA
1.5	194	16.8	0.764	1.62	NA
3	118	14.1	0.527	0.482	NA

NOTES:
MG/KG - MILLIGRAMS PER KILOGRAM
MG/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
WET - WASTE EXTRACTION TEST WITH CITRIC ACID
WET DI - WASTE EXTRACTION TEST WITH DISTILLED WATER
TCLP - TOXICITY CHARACTERISTIC LEACHING PROCEDURE

All dimensions and locations are approximate

Imagery: I3, ESRI; 2008

Feet
0 250 500

LEGEND

94WB-001
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

KLEINFELDER
Bright People. Right Solutions.

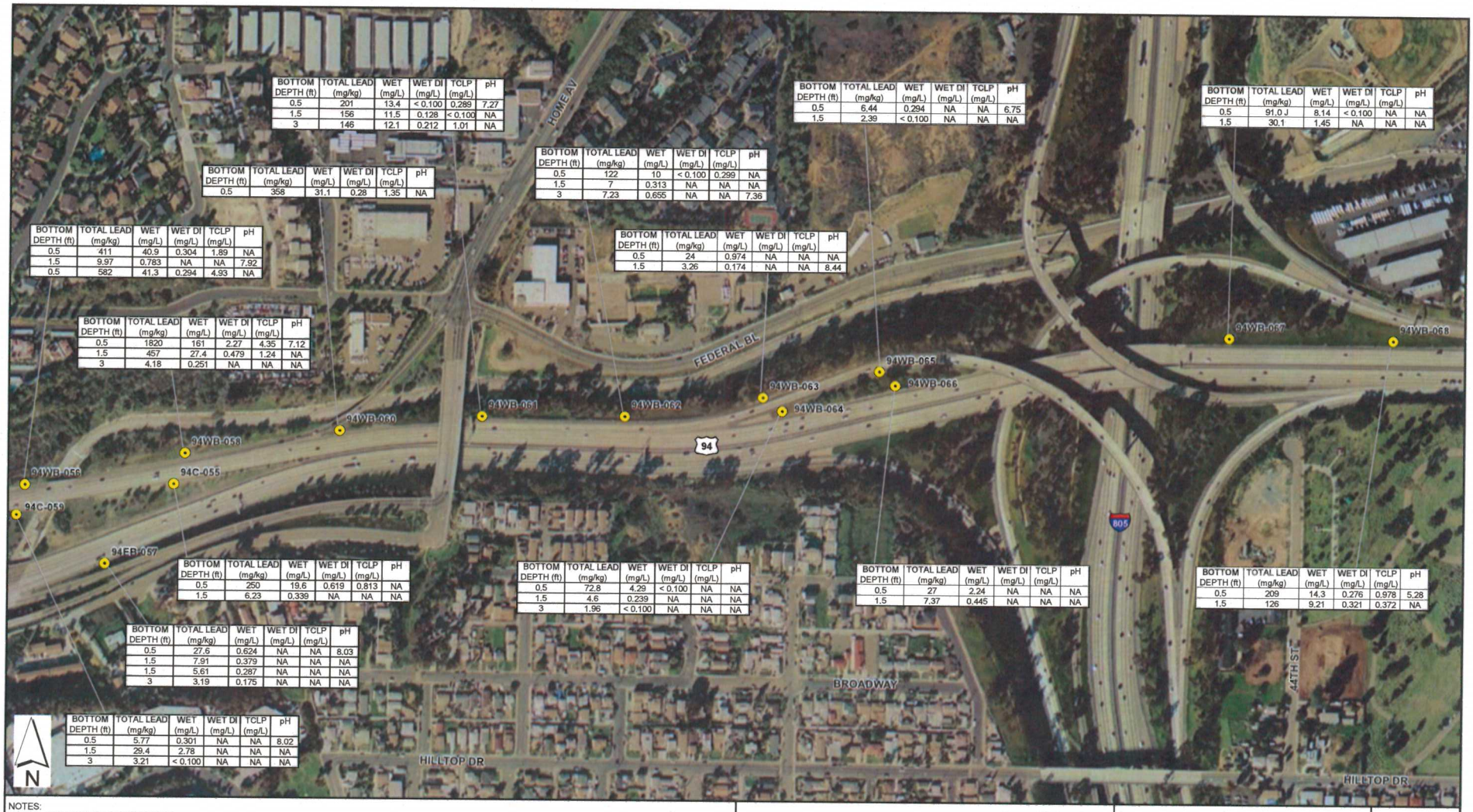
PROJECT NO: 110284
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: MAY 2010

GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
SR-94 HOV, Caltrans EA 11-287100
San Diego, California

PLATE
3

File: Projects\Caltrans\SR94_I15\Plates



BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	411	40.9	0.304	1.89	NA
1.5	9.97	0.783	NA	NA	7.92
0.5	582	41.3	0.294	4.93	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	1820	161	2.27	4.35	7.12
1.5	457	27.4	0.479	1.24	NA
3	4.18	0.251	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	27.6	0.624	NA	NA	8.03
1.5	7.91	0.379	NA	NA	NA
1.5	5.61	0.287	NA	NA	NA
3	3.19	0.175	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	5.77	0.301	NA	NA	8.02
1.5	29.4	2.78	NA	NA	NA
3	3.21	< 0.100	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	358	31.1	0.28	1.35	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	201	13.4	< 0.100	0.289	7.27
1.5	156	11.5	0.128	< 0.100	NA
3	146	12.1	0.212	1.01	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	250	19.6	0.619	0.813	NA
1.5	6.23	0.339	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	122	10	< 0.100	0.299	NA
1.5	7	0.313	NA	NA	NA
3	7.23	0.655	NA	NA	7.36

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	24	0.974	NA	NA	NA
1.5	3.26	0.174	NA	NA	8.44

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	72.8	4.29	< 0.100	NA	NA
1.5	4.6	0.239	NA	NA	NA
3	1.96	< 0.100	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	6.44	0.294	NA	NA	6.75
1.5	2.39	< 0.100	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	27	2.24	NA	NA	NA
1.5	7.37	0.445	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	91.0 J	8.14	< 0.100	NA	NA
1.5	30.1	1.45	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	209	14.3	0.276	0.978	5.28
1.5	126	9.21	0.321	0.372	NA

NOTES:
MG/KG - MILLIGRAMS PER KILOGRAM
MG/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
WET - WASTE EXTRACTION TEST WITH CITRIC ACID
WET DI - WASTE EXTRACTION TEST WITH DISTILLED WATER
TCLP - TOXICITY CHARACTERISTIC LEACHING PROCEDURE

All dimensions and locations are approximate

Imagery: I3, ESRI; 2008

Feet
0 250 500

LEGEND
94WB-001
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

KLEINFELDER
Bright People. Right Solutions.

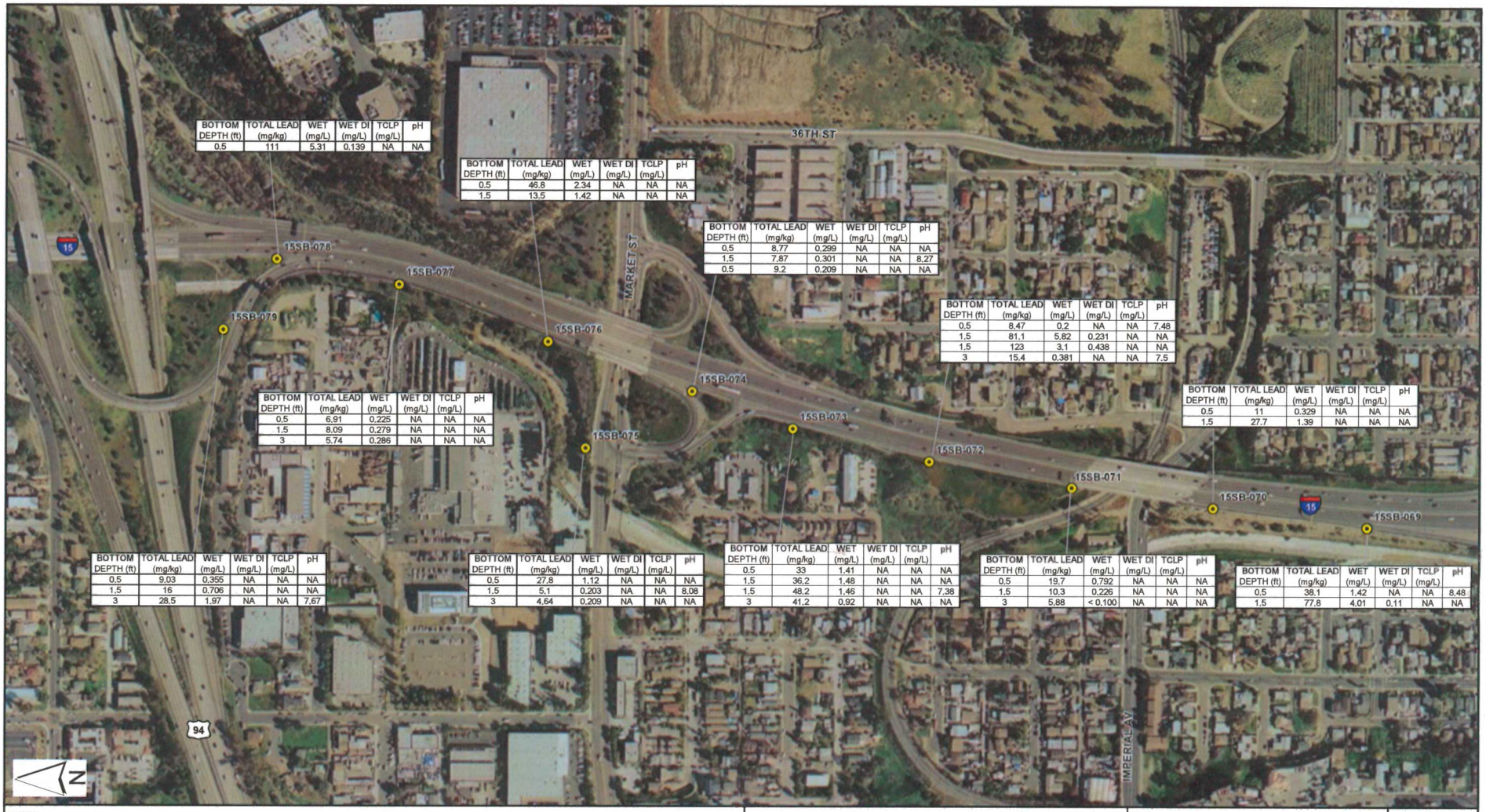
PROJECT NO: 110284
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: MAY 2010

GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
SR-94 HOV, Caltrans EA 11-287100
San Diego, California

PLATE
4

File: Projects\Caltrans\SR94_I15\Plates



BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	111	5.31	0.139	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	46.8	2.34	NA	NA	NA
1.5	13.5	1.42	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	8.77	0.299	NA	NA	NA
1.5	7.87	0.301	NA	NA	8.27
0.5	9.2	0.209	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	8.47	0.2	NA	NA	7.48
1.5	81.1	5.82	0.231	NA	NA
1.5	123	3.1	0.438	NA	NA
3	15.4	0.381	NA	NA	7.5

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	6.91	0.225	NA	NA	NA
1.5	8.09	0.279	NA	NA	NA
3	5.74	0.286	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	11	0.329	NA	NA	NA
1.5	27.7	1.39	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	9.03	0.355	NA	NA	NA
1.5	16	0.706	NA	NA	NA
3	28.5	1.97	NA	NA	7.67

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	27.8	1.12	NA	NA	NA
1.5	5.1	0.203	NA	NA	8.08
3	4.64	0.209	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	33	1.41	NA	NA	NA
1.5	36.2	1.48	NA	NA	NA
1.5	48.2	1.46	NA	NA	7.38
3	41.2	0.92	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	19.7	0.792	NA	NA	NA
1.5	10.3	0.226	NA	NA	NA
3	5.88	< 0.100	NA	NA	NA

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5	38.1	1.42	NA	NA	8.48
1.5	77.8	4.01	0.11	NA	NA

NOTES:
MG/KG - MILLIGRAMS PER KILOGRAM
MG/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
WET - WASTE EXTRACTION TEST WITH CITRIC ACID
WET DI - WASTE EXTRACTION TEST WITH DISTILLED WATER
TCLP - TOXICITY CHARACTERISTIC LEACHING PROCEDURE

All dimensions and locations are approximate

Feet
0 250 500

LEGEND

15NB-082
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO: 110284
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: MAY 2010

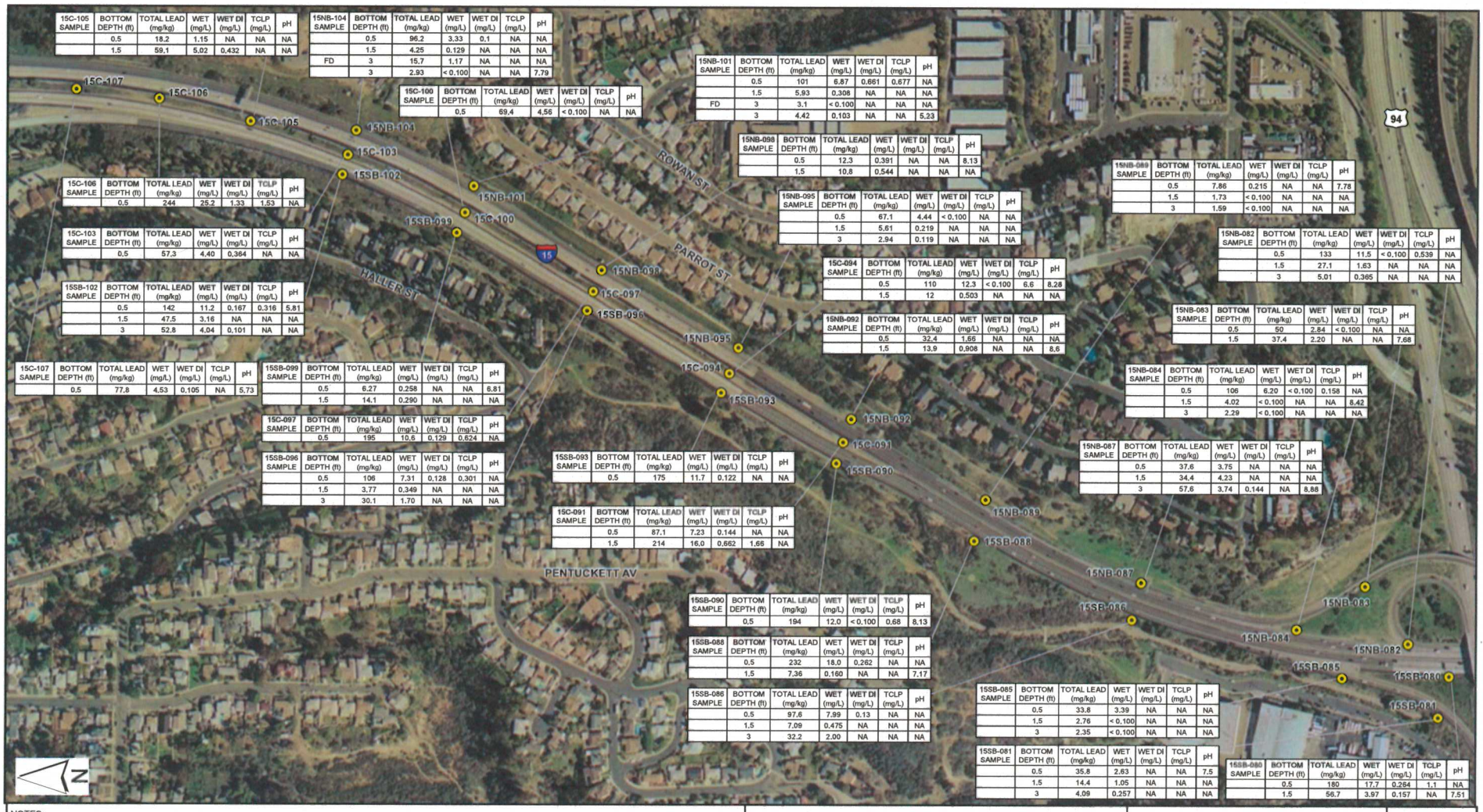
GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
SR-94 HOV, Caltrans EA 11-287100
San Diego, California

PLATE
5

Imagery: I3, ESRI; 2008

File: Projects\Caltrans\SR94_I15\Plates



15C-105 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	18.2	1.15	NA	NA	NA
	1.5	59.1	5.02	0.432	NA	NA

15NB-104 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	96.2	3.33	0.1	NA	NA
	1.5	4.25	0.129	NA	NA	NA
FD	3	15.7	1.17	NA	NA	NA
	3	2.93	< 0.100	NA	NA	7.79

15C-100 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	69.4	4.56	< 0.100	NA	NA

15NB-101 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	101	6.87	0.661	0.677	NA
	1.5	5.93	0.308	NA	NA	NA
FD	3	3.1	< 0.100	NA	NA	NA
	3	4.42	0.103	NA	NA	5.23

15NB-098 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	12.3	0.391	NA	NA	8.13
	1.5	10.8	0.544	NA	NA	NA

15NB-089 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	7.86	0.215	NA	NA	7.78
	1.5	1.73	< 0.100	NA	NA	NA
	3	1.59	< 0.100	NA	NA	NA

15C-106 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	244	25.2	1.33	1.53	NA

15NB-095 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	67.1	4.44	< 0.100	NA	NA
	1.5	5.61	0.219	NA	NA	NA
	3	2.94	0.119	NA	NA	NA

15NB-082 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	133	11.5	< 0.100	0.539	NA
	1.5	27.1	1.63	NA	NA	NA
	3	5.01	0.365	NA	NA	NA

15C-103 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	57.3	4.40	0.364	NA	NA

15C-094 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	110	12.3	< 0.100	6.6	8.28
	1.5	12	0.503	NA	NA	NA

15SB-102 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	142	11.2	0.167	0.316	5.81
	1.5	47.5	3.16	NA	NA	NA
	3	52.8	4.04	0.101	NA	NA

15NB-092 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	32.4	1.66	NA	NA	NA
	1.5	13.9	0.908	NA	NA	8.6

15NB-083 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	50	2.84	< 0.100	NA	NA
	1.5	37.4	2.20	NA	NA	7.68

15C-107 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	77.8	4.53	0.105	NA	5.73

15SB-099 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	6.27	0.258	NA	NA	6.81
	1.5	14.1	0.290	NA	NA	NA

15NB-084 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	106	6.20	< 0.100	0.158	NA
	1.5	4.02	< 0.100	NA	NA	8.42
	3	2.29	< 0.100	NA	NA	NA

15C-097 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	195	10.6	0.129	0.624	NA

15NB-087 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	37.6	3.75	NA	NA	NA
	1.5	34.4	4.23	NA	NA	NA
	3	57.6	3.74	0.144	NA	8.88

15SB-096 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	106	7.31	0.128	0.301	NA
	1.5	3.77	0.349	NA	NA	NA
	3	30.1	1.70	NA	NA	NA

15SB-093 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	175	11.7	0.122	NA	NA

15C-091 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	87.1	7.23	0.144	NA	NA
	1.5	214	16.0	0.662	1.66	NA

15SB-090 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	194	12.0	< 0.100	0.68	8.13

15SB-088 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	232	18.0	0.262	NA	NA
	1.5	7.36	0.160	NA	NA	7.17

15SB-086 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	97.6	7.99	0.13	NA	NA
	1.5	7.09	0.475	NA	NA	NA
	3	32.2	2.00	NA	NA	NA

15SB-085 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	33.8	3.39	NA	NA	NA
	1.5	2.76	< 0.100	NA	NA	NA
	3	2.35	< 0.100	NA	NA	NA

15SB-081 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	35.8	2.63	NA	NA	7.5
	1.5	14.4	1.05	NA	NA	NA
	3	4.09	0.257	NA	NA	NA

15SB-080 SAMPLE	BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
	0.5	180	17.7	0.284	1.1	NA
	1.5	56.7	3.97	0.157	NA	7.51

NOTES:
MG/KG - MILLIGRAMS PER KILOGRAM
MG/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
WET - WET EXTRACTION TEST USING CITRIC ACID
WET DI - WET EXTRACTION TEST USING DEIONIZED WATER
TCLP - TOXICITY CHARACTERISTIC LEACHING PROCEDURE
FD - FIELD DUPLICATE SAMPLE COLLECTED
All dimensions and locations are approximate

Feet
0 250 500

LEGEND

15NB-082
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO: 110284
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: JUNE 2010

GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
SR-94 HOV, Caltrans EA 11-287100
San Diego, California

PLATE
6

Imagery: I3, ESRI; 2008

File: Projects\Caltrans\SR94_I15\Plates

Table 1
Soil Sampling Analytical Results Summary
SR-94 ADL Study
Caltrans EA-11-287100

California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
94WB-001	N	4/27/2010	0.5	159	***10.9***	0.190	0.278	-
94WB-002	NS	NS	NA	-	-	-	-	-
94WB-003	N	4/27/2010	0.5	55.1	3.97	0.166	-	-
94WB-004	NS	NS	NA	-	-	-	-	-
94WB-005	N	4/27/2010	0.5	234	***19.7***	0.478	0.386	6.68
	FD	4/27/2010	0.5	230	***27.2***	0.475	0.990	-
	N	4/27/2010	1.5	31.1	3.27	-	-	-
94WB-006	N	4/27/2010	0.5	333	***20.8***	0.412	0.542	-
94EB-007	N	4/20/2010	0.5	***2180***	***124***	0.328	0.858	-
	N	4/20/2010	1.5	172	***16.1***	0.287	0.528	7.03
	N	4/20/2010	3	29.3	3.92	-	-	-
94WB-008	N	4/27/2010	0.5	29.0	1.59	-	-	7.52
	N	4/27/2010	1.5	11.5	0.659	-	-	-
	N	4/27/2010	3	6.73	0.293	-	-	-
94EB-009	N	4/20/2010	0.5	***2510***	***210***	0.992	**5.12**	-

Notes:

1. California hazardous waste limits from California Code of Regulations § 66261.21-24
2. 2. RCRA hazardous waste limits from California Code of Regulations Title 22, § 66261.24
3. 3. Caltrans specific requirement limits for re-use of ADL impacted soil within the Caltrans right-of-way from CalEPA Variance No. V09HQSCD006, dated July 1, 2009

Bold and *italicized* text denotes a result above the hazardous waste limits

FD = field duplicate sample

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

IS = insufficient amount of sample material

N = normal environmental sample

NS = not sampled

TCLP = USEPA toxicity characteristic leaching procedure

TTLC = total threshold limit concentration

WET = California waste extraction test using citric acid

WET DI = California waste extraction test using deionized water

Highlighted values denote sample results not applicable under the Caltrans Variance (DTSC, 2009)

J denotes a qualifier found during data quality review (see Section 4.3 in the report)

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	4/20/2010	1.5	232	***17.8***	0.201	1.15	***4.31***
	N	4/20/2010	3	111	***8.97***	< 0.100	0.796	**5.09**
94WB-010	N	4/27/2010	0.5	89.8	***7.38***	0.359	-	-
	N	4/27/2010	1.5	18.1	1.01	-	-	-
	N	4/27/2010	3	8.76	0.488	-	-	-
94EB-011	N	4/20/2010	0.5	***3140***	***211***	1.07	***8.50***	-
	N	4/20/2010	1.5	361	***27.7***	< 0.100	1.27	7.61
	N	4/20/2010	3	13.0	1.07	-	-	-
94WB-012	N	4/27/2010	0.5	993	***55.9***	0.614	1.24	-
	N	4/27/2010	1	43.5	3.43	-	-	-
	FD	4/27/2010	1	44.4	3.78	-	-	6.75
	N	4/27/2010	3	65.9	4.12	0.160	-	-
94EB-013	N	4/20/2010	0.5	581	***38.5***	0.276	2.13	-
	FD	4/20/2010	0.5	268	***18.9***	< 0.100	0.824	-
	N	4/20/2010	1.5	228	***19.9***	0.155	0.937	-
	N	4/20/2010	3	17.1	1.12	-	-	-
94EB-014	N	4/20/2010	0.5	***1720***	***78.6***	0.968	3.40	-
	N	4/20/2010	1.5	101	***6.26***	0.374	0.459	-
	N	4/20/2010	3	99.1	***6.04***	0.191	-	-
94WB-015	N	4/27/2010	0.5	281	***23.0***	0.866	2.33	6.21

Notes:

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RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
94EB-016	N	4/20/2010	0.5	***2140***	***95.1***	1.13	3.25	-
	N	4/20/2010	1.5	258	***14.8***	0.193	1.59	6.04J
	N	4/20/2010	3	78.6	3.50	< 0.100	-	-
94WB-017	N	4/27/2010	0.5	***5370***	***224***	***9.90***	3.38	-
	N	4/27/2010	1.5	393	***33.1***	0.634	3.20	8.30
	N	4/27/2010	3	147	***7.21***	0.196	0.693	-
94WB-018	N	4/27/2010	0.5	***4420***	***315***	***2.60***	4.74	-
	N	4/27/2010	1.5	535	***29.7***	0.608	3.97	-
94EB-019	N	4/20/2010	0.5	655	***38.7***	0.135	0.830	-
	N	4/20/2010	1.5	241	***22.6***	< 0.100	0.732	6.84J
	N	4/20/2010	3	84.9	***5.56***	< 0.100	-	-
94EB-020	N	4/23/2010	0.5	560	***25.3***	0.518	0.123	-
	N	4/23/2010	1.5	266	***10.6***	0.526	1.14	6.41
94EB-021	N	4/20/2010	0.5	228	***20.7***	< 0.100	0.667	***4.98J***
	N	4/20/2010	1.5	76.6	***5.18***	< 0.100	-	-
	FD	4/20/2010	1.5	251	***17.5***	< 0.100	0.428	-
	N	4/20/2010	3	167	***11.5***	< 0.100	0.495	-
94EB-022	N	4/23/2010	0.5	447	***13.5***	***1.87***	1.52	-
	FD	4/23/2010	0.5	272	***10.4***	0.256	0.268	-
	N	4/23/2010	1.5	30.5	1.12	-	-	6.48

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	4/23/2010	3	16.0	1.26	-	-	-
94WB-023	N	4/27/2010	0.5	255	***14.8***	0.180	0.228	6.68
	N	4/27/2010	1.5	77.6	***14.6***	0.232	-	-
94WB-024	N	4/27/2010	0.5	246	***20.8***	0.254	0.216	-
	N	4/27/2010	1.5	75.0	***5.68***	< 0.100	-	-
	N	4/27/2010	3	3.10	0.130	-	-	7.88
94WB-025	N	4/27/2010	0.5	171	***10.7***	0.169	0.561	-
	N	4/27/2010	1.5	66.5	3.55	0.227		-
94WB-026	N	4/27/2010	0.5	181	***14.8***	0.229	0.252	-
	N	4/27/2010	1.5	9.01	0.388	-	-	8.13
	N	4/27/2010	3	28.5	2.08	-	-	-
94EB-027	N	4/23/2010	0.5	345	***22.0***	0.879	3.02	-
	N	4/23/2010	1.5	91.5	***5.81***	0.268	-	-
	N	4/23/2010	3	5.67	0.282	-	-	6.39
94WB-028	N	4/27/2010	0.5	660	***39.2***	0.669	1.23	
	N	4/27/2010	1.5	17.6	1.61	-	-	-
	N	4/27/2010	3	10.7	0.821	-	-	-
94EB-029	N	4/23/2010	0.5	***2350***	***126***	***3.32***	0.311	-
	N	4/23/2010	1.5	55.9	3.81	< 0.100	-	-
	N	4/23/2010	3	34.1	2.59	-	-	6.38

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
94WB-030	N	4/27/2010	0.5	493	***34.4***	0.548	2.24	-
	N	4/27/2010	1.5	66.5	4.81	0.299	-	-
94EB-031	N	4/23/2010	0.5	***1610***	***93.2***	0.936	0.599	-
	N	4/23/2010	1.5	933	***47.7***	0.666	1.65	-
	N	4/23/2010	3	698	***60.4***	0.727	0.211	6.72
94WB-032	N	4/26/2010	0.5	139	***11.3***	0.126	0.192	-
94WB-033	N	4/26/2010	0.5	119	3.38	< 0.100	< 0.100	-
	N	4/26/2010	1.5	15.0	1.04	-	-	-
	N	4/26/2010	3	56.5	0.150	< 0.100	-	***5.29***
94WB-034	N	4/26/2010	0.5	278	***12.4***	0.187	0.136	-
	N	4/26/2010	1.5	38.5	1.97	-	-	-
94EB-035	N	4/23/2010	0.5	595	***28.1***	0.689	0.220	-
	N	4/23/2010	1.5	166	***10.3***	0.273	0.349	6.98
	N	4/23/2010	3	68.3	4.48	0.351	-	-
94WB-036	N	4/26/2010	0.5	***1750***	***99.7***	0.465	0.622	-
94EB-037	N	4/23/2010	0.5	***1980***	***144***	***2.01***	2.21	-
	N	4/23/2010	1.5	194	***16.8***	0.764	1.62	-
	N	4/23/2010	3	118	***14.1***	0.527	0.482	-
94EB-038	N	4/23/2010	0.5	298	***25.4***	0.472	0.230	-
	N	4/23/2010	1.5	170	***11.9***	0.150	0.284	7.96

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
94C-039	N	5/3/2010	0.5	365	***24.1***	0.269	0.888	-
94WB-040	N	4/26/2010	0.5	1090	***68.7***	0.554	0.453	-
	N	4/26/2010	1.5	187	***9.10***	< 0.100	0.129	5.74
94C-041	N	5/3/2010	0.5	787	***71.2***	0.713	3.13	-
	N	5/3/2010	1.5	370	***36.6***	0.243	2.03	-
	N	5/3/2010	3	115	***7.27***	0.167	0.615	6.88
94C-042	N	5/3/2010	0.5	639	***61.3***	0.642	1.97	-
	N	5/3/2010	1.5	219	***12.0***	0.529	1.27	-
	N	5/3/2010	3	63.3	3.82	0.251	-	-
94WB-043	N	4/26/2010	0.5	314	***20.5***	0.484	0.590	***4.13***
	FD	4/26/2010	0.5	305	***29.3***	0.483	1.16	-
	N	4/26/2010	1.5	114	***9.04***	0.330	0.374	-
94EB-044	N	4/23/2010	0.5	11.5	0.412	-	-	-
	N	4/23/2010	1.5	5.57	< 0.100	-	-	-
	FD	4/23/2010	1.5	5.60	< 0.100	-	-	7.76
94WB-045	N	4/26/2010	0.5	72.7	3.52	0.165	-	-
	N	4/26/2010	1.5	35.0	1.78	-	-	-
94C-046	N	5/3/2010	0.5	693	***62.3***	0.283	2.04	
	N	5/3/2010	1.5	52.1	1.71	0.133		6.74
94C-047	N	5/3/2010	0.5	867	***78.7***	0.539	4.28	7.76

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RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	5/3/2010	1.5	194	***13.2***	0.368	2.02	-
	N	5/3/2010	3	36.7	2.01	-	-	-
94EB-048	N	4/23/2010	0.5	58.7	***51.6***	0.183	-	-
	N	4/23/2010	1.5	7.13	0.315	-	-	-
	N	4/23/2010	3	16.0	1.11	-	-	-
94C-049	N	5/3/2010	0.5	494	***42.5***	0.580	1.32	-
	N	5/3/2010	1.5	49.6	2.20	-	-	8.09
	N	5/3/2010	3	21.2	1.86	-	-	-
	FD	5/3/2010	3	4.03	0.141	-	-	-
94C-050	N	5/3/2010	0.5	193	***14.8***	0.115	0.775	-
94C-051	N	4/30/2010	0.5	53.8	3.79	< 0.100	-	-
	N	4/30/2010	1.5	1.85	< 0.100	-	-	8.97
94C-052	N	5/3/2010	0.5	279	***30.0***	0.191	0.552	7.98
	N	5/3/2010	1.5	60.8	3.34	< 0.100	-	-
	N	5/3/2010	3	121	2.01	< 0.100	< 0.100	-
94WB-053	N	4/26/2010	0.5	141	***10.8***	0.146	0.285	-
	N	4/26/2010	1.5	38.5	2.59	-	-	8.23
	N	4/26/2010	3	8.94	0.695	-	-	-
94C-054	N	4/30/2010	0.5	278	***22.0***	< 0.100	0.899	-
	N	4/30/2010	1.5	23.1	0.125	-	-	8.43

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			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
94C-055	N	4/30/2010	0.5	250	***19.6***	0.619	0.813	-
	N	4/30/2010	1.5	6.23	0.339	-	-	-
94WB-056	N	4/26/2010	0.5	411	***40.9***	0.304	1.89	-
	FD	4/26/2010	0.5	582	***41.3***	0.294	4.93	-
	N	4/26/2010	1.5	9.97	0.783	-	-	7.92
94EB-057	N	4/30/2010	0.5	27.6	0.624	-	-	8.03
	FD	4/30/2010	1.5	5.61	0.287	-	-	-
	N	4/30/2010	1.5	7.91	0.379	-	-	-
	N	4/30/2010	3	3.19	0.175	-	-	-
94WB-058	N	4/26/2010	0.5	***1820***	***161***	***2.27***	4.35	7.12
	N	4/26/2010	1.5	457	***27.4***	0.479	1.24	-
	N	4/26/2010	3	4.18	0.251	-	-	-
94C-059	N	4/30/2010	0.5	5.77	0.301	-	-	8.02
	N	4/30/2010	1.5	29.4	2.78	-	-	-
	N	4/30/2010	3	3.21	< 0.100	-	-	-
94WB-060	N	4/26/2010	0.5	358	***31.1***	0.280	1.35	-
94WB-061	N	4/26/2010	0.5	201	***13.4***	< 0.100	0.289	7.27
	N	4/26/2010	1.5	156	***11.5***	0.128	< 0.100	-
	N	4/26/2010	3	146	***12.1***	0.212	1.01	-
94WB-062	N	4/26/2010	0.5	122	***10.0***	< 0.100	0.299	-

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Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	4/26/2010	1.5	7.00	0.313	-	-	-
	N	4/26/2010	3	7.23	0.655	-	-	7.36
94WB-063	N	4/26/2010	0.5	24.0	0.974	-	-	-
	N	4/26/2010	1.5	3.26	0.174	-	-	8.44
94WB-064	N	4/26/2010	0.5	72.8	4.29	< 0.100	-	-
	N	4/26/2010	1.5	4.60	0.239	-	-	-
	N	4/26/2010	3	1.96	< 0.100	-	-	-
94WB-065	N	4/26/2010	0.5	6.44	0.294	-	-	6.75
	N	4/26/2010	1.5	2.39	< 0.100	-	-	-
94WB-066	N	4/26/2010	0.5	27.0	2.24	-	-	-
	N	4/26/2010	1.5	7.37	0.445	-	-	-
94WB-067	N	4/26/2010	0.5	91.0J	***8.14***	< 0.100	-	-
	N	4/26/2010	1.5	30.1	1.45		-	-
94WB-068	N	4/26/2010	0.5	209	***14.3***	0.276	0.978	***5.28***
	N	4/26/2010	1.5	126	***9.21***	0.321	0.372	-
15SB-069	N	4/29/2010	0.5	38.1	1.42	-	-	8.48
	N	4/29/2010	1.5	77.8	4.01	0.110	-	-
15SB-070	N	4/29/2010	0.5	11.0	0.329	-	-	-
	N	4/29/2010	1.5	27.7	1.39	-	-	-
15SB-071	N	4/29/2010	0.5	19.7	0.792	-	-	-

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	4/29/2010	1.5	10.3	0.226	-	-	-
	N	4/29/2010	3	5.88	< 0.100	-	-	-
15SB-072	N	4/29/2010	0.5	8.47	0.200	-	-	7.48
	N	4/29/2010	1.5	81.1	***5.82***	0.231	-	-
	FD	4/29/2010	1.5	123	3.10	0.438	IS	-
	N	4/29/2010	3	15.4	0.381	-	-	7.50
15SB-073	N	4/29/2010	0.5	33.0	1.41	-	-	-
	N	4/29/2010	1.5	36.2	1.48	-	-	-
	FD	4/29/2010	1.5	48.2	1.46	-	-	7.38
	N	4/29/2010	3	41.2	0.920	-	-	-
15SB-074	N	4/29/2010	0.5	8.77	0.299	-	-	-
	FD	4/29/2010	0.5	9.20	0.209	-	-	-
	N	4/29/2010	1.5	7.87	0.301	-	-	8.27
15SB-075	N	4/29/2010	0.5	27.8	1.12	-	-	-
	N	4/29/2010	1.5	5.10	0.203	-	-	8.08
	N	4/29/2010	3	4.64	0.209	-	-	-
15SB-076	N	4/29/2010	0.5	46.8	2.34	-	-	-
	N	4/29/2010	1.5	13.5	1.42	-	-	-
15SB-077	N	4/29/2010	0.5	6.91	0.225	-	-	-
	N	4/29/2010	1.5	8.09	0.279	-	-	-

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	4/29/2010	3	5.74	0.286	-	-	-
15SB-078	N	4/29/2010	0.5	111	***5.31***	0.139	IS	-
15SB-079	N	4/29/2010	0.5	9.03	0.355	-	-	-
	N	4/29/2010	1.5	16.0	0.706	-	-	-
	N	4/29/2010	3	28.5	1.97	-	-	7.67
15SB-080	N	4/29/2010	0.5	180	***17.7***	0.264	1.10	-
	N	4/29/2010	1.5	56.7	3.97	0.157	-	7.51
15SB-081	N	4/29/2010	0.5	35.8	2.63	-	-	7.50
	N	4/29/2010	1.5	14.4	1.05	-	-	-
	N	4/29/2010	3	4.09	0.257	-	-	-
15NB-082	N	4/30/2010	0.5	133	***11.5***	< 0.100	0.539	-
	N	4/30/2010	1.5	27.1	1.63	-	-	-
	N	4/30/2010	3	5.01	0.365	-	-	-
15NB-083	N	4/27/2010	0.5	50.0	2.84	< 0.100	-	-
	N	4/27/2010	1.5	37.4	2.20	-	-	7.68
15NB-084	N	4/27/2010	0.5	106	***6.20***	< 0.100	0.158	-
	N	4/27/2010	1.5	4.02	< 0.100	-	-	8.42
	N	4/27/2010	3	2.29	< 0.100	-	-	-
15SB-085	N	4/29/2010	0.5	33.8	3.39	-	-	-
	N	4/29/2010	1.5	2.76	< 0.100	-	-	-

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
	N	4/29/2010	3	2.35	< 0.100	-	-	-
15SB-086	N	4/29/2010	0.5	97.6	***7.99***	0.130	-	-
	N	4/29/2010	1.5	7.09	0.475	-	-	-
	N	4/29/2010	3	32.2	2.00	-	-	-
15NB-087	N	4/27/2010	0.5	37.6	3.75	-	-	-
	N	4/27/2010	1.5	34.4	4.23	-	-	-
	N	4/27/2010	3	57.6	3.74	0.144	-	8.88
15SB-088	N	4/29/2010	0.5	232	***18.0***	0.262	IS	-
	N	4/29/2010	1.5	7.36	0.160	-	-	7.17
15NB-089	N	4/30/2010	0.5	7.86	0.215	-	-	7.78
	N	4/30/2010	1.5	1.73	< 0.100	-	-	-
	N	4/30/2010	3	1.59	< 0.100	-	-	-
15SB-090	N	4/29/2010	0.5	194	***12.0***	< 0.100	0.680	8.13
15C-091	N	4/30/2010	0.5	87.1	***7.23***	0.144	-	-
	N	4/30/2010	1.5	214	***16.0***	0.662	1.66	-
15NB-092	N	4/30/2010	0.5	32.4	1.66	-	-	-
	N	4/30/2010	1.5	13.9	0.908	-	-	8.60
15SB-093	N	4/29/2010	0.5	175	***11.7***	0.122	IS	
15C-094	N	4/30/2010	0.5	110	***12.3***	< 0.100	***6.60***	8.28
	N	4/30/2010	1.5	12.0	0.503	-	-	-

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California Hazardous Waste Limit[1]				1,000	5.0	-	-	-
RCRA Hazardous Waste Limit[2]				-	-	-	5.0	-
Caltrans Variance Limit[3]			Condition 1	1,411	-	1.5	-	5.5
			Condition 2	3,397	-	150	-	5.0 - 5.5
			Chemical Name	lead	lead	lead	lead	pH
			Method	SW6010B	SW6010B	SW6010B	SW6010B	SW9045D
			Prep	TTLC	WET	WET_DI	TCLP	---
			Units	mg/kg	mg/l	mg/l	mg/l	pH units
Location	**Sample Type**	**Sample Date**	**Depth (feet)**					
15NB-095	N	4/30/2010	0.5	67.1	4.44	< 0.100	-	-
	N	4/30/2010	1.5	5.61	0.219	-	-	-
	N	4/30/2010	3	2.94	0.119	-	-	-
15SB-096	N	4/29/2010	0.5	106	**7.31**	0.128	0.301	-
	N	4/29/2010	1.5	3.77	0.349	-	-	-
	N	4/29/2010	3	30.1	1.70	-	-	-
15C-097	N	4/30/2010	0.5	195	***10.6***	0.129	0.624	-
15NB-098	N	4/30/2010	0.5	12.3	0.391	-	-	8.13
	N	4/30/2010	1.5	10.8	0.544	-	-	-
15SB-099	N	4/29/2010	0.5	6.27	0.258	-	-	6.81
	N	4/29/2010	1.5	14.1	0.290	-	-	-
15C-100	N	4/30/2010	0.5	69.4	4.56	< 0.100		-
15NB-101	N	4/30/2010	0.5	101	***6.87***	0.661	0.677	-
	N	4/30/2010	1.5	5.93	0.308	-	-	-
	N	4/30/2010	3	4.42	0.103	-	-	***5.23***
	FD	4/30/2010	3	3.10	< 0.100	-	-	-
15SB-102	N	4/29/2010	0.5	142	***11.2***	0.167	0.316	5.81
	N	4/29/2010	1.5	47.5	3.16	-	-	-
	N	4/29/2010	3	52.8	4.04	0.101	-	-
15C-103	N	4/30/2010	0.5	57.3	4.40	0.364	-	-

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SR-15 Lanes North of SR-94				
Total Lead (mg/kg)	75.1	118.6	58.5	33.6
Leaching Lead (WET) (mg/L)	5.6	10.1	5.0	2.4
Leaching Lead (WET-DI) (mg/L)	0.4	0.6	-	-
Leaching Lead (TCLP) (mg/L)	2.5	3.5	-	-
SR-15 Lanes South of SR-94				
Total Lead (mg/kg)	35.7	50.3	52.7	29.2
Leaching Lead (WET) (mg/L)	2.3	2.4	3.3	1.2
Leaching Lead (WET-DI) (mg/L)	-	-	-	-
Leaching Lead (TCLP) (mg/L)	-	-	-	-
SR-15 North Bound Lanes				
Total Lead (mg/kg)	49.4	89.3	27.1	23.8
Leaching Lead (WET) (mg/L)	3.4	6.1	2.4	2.5
Leaching Lead (WET-DI) (mg/L)	-	-	-	-
Leaching Lead (TCLP) (mg/L)	-	-	-	-

Notes:
* indicates data was analyzed for depths 1-foot and deeper
- indicates 95 percent upper confidence limit was not calculated due to insufficient data
Highlighted data denotes the 95% UCL for a particular data set is outside of either hazardous waste criteria or non-paved DTSC variance criteria.

Acronyms/Abbreviations:
bgs – below ground surface
mg/kg – milligrams per kilogram
mg/L – milligrams per liter
TCLP – toxicity characteristic leaching procedure
WET – waste extraction test
WET-DI – waste extraction test using deionized water as the extractant

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SR-94 Lanes West of SR-15				
Total Lead (mg/kg)	803.9	1159.0	213.5	118.3
Leaching Lead (WET) (mg/L)	66.1	72.9	14.8	9.2
Leaching Lead (WET-DI) (mg/L)	1.1	1.0	0.4	0.3
Leaching Lead (TCLP) (mg/L)	1.7	2.1	1.9	0.7
SR-94 Lanes East of SR-15				
Total Lead (mg/kg)	426.6	435.8	115.4	71.9
Leaching Lead (WET) (mg/L)	26.4	39.8	22.4	7.3
Leaching Lead (WET-DI) (mg/L)	1.0	1.9	-	-
Leaching Lead (TCLP) (mg/L)	1.6	2.1	-	-
SR-94 East Bound Lanes				
Total Lead (mg/kg)	1625.0	1770.0	309.6	180.9
Leaching Lead (WET) (mg/L)	45.1	111.5	20.8	15.2
Leaching Lead (WET-DI) (mg/L)	0.7	1.3	0.4	0.6
Leaching Lead (TCLP) (mg/L)	2.0	3.3	1.3	-

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