TAIT ENVIRONMENTAL MANAGEMENT

Telephone:
Fax:

# BORING NUMBER SB1009

BORING / WELL CONSTRUCTION LOG

**PROJECT NUMBER** EM26900
**PROJECT NAME** Boeing C6 Facility - Confirmation Soil Borings
**LOCATION** Torrance, CA
**DRILLING METHOD** Direct Push
**DRILLING RIG** Geoprobe 6600
**DRILLING CONTRACTOR** Kehoe Testing and Engineering
**DRILLER** Jose Zuniga
**SAMPLING METHOD** 24 in. Tube w/ Brass Rings
**GROUND ELEVATION** NA
**TOP OF CASING** ----
**LOGGED BY** Paul McCarter
**REVIEWED BY**
**REMARKS** Backfilled with Bentonite No. 8 / Concrete Surface Completion
**CASING TYPE / DIAMETER** ----
**SCREEN TYPE / SLOT** ----
**GRAVEL PACK TYPE** ----
**GROUT TYPE / QUANTITY** ----
**DEPTH TO WATER DURING DRILLING / DEVELOPMENT** NA / NA
**SANITARY SEAL TYPE / QUANTITY** ----
**SEAL FILTER TYPE / QUANTITY** ----

**DATE STARTED** 2/12/08
**DATE COMPLETED** 2/12/08

| PID (ppm) | BLOW COUNTS | RECOVERY / DRIVEN (in.) | LAB NUMBER | SAMPLE COLLECTION TIME | SAMPLES | DEPTH (ft. BGL) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 8" Concrete pavement | 0.7 |
| | | | | | | | CL | | Dark Brown (10YR, 3/3), Clay with Silt, 65% Clay, 30% Silt, 5% Fine-Grained Sand, Firm, Poorly Indurated, Low Plasticity, Moist | 4.0 |
| | | | | | | 5 | CL | | Brown (10YR, 4/3), Sandy Clay, 60% Clay, 10% Silt, 30% Fine Grained Sand, Moist, Soft, Poorly Indurated, Low Plasticity<br>Grades to 70% Clay, 10% Silt, 20% Sand, Medium Plasticity<br>Up to 15% Gravel ( to 1/2" ) at 9'<br>Hand Auger to 10 feet | 10.0 |
| | | | | | | 10 | | | Boring not logged between 10 and 26 feet | |
| | | | | | | 15 | | | | |
| | | | | | | 20 | | | | |

BORING / WELL CONSTRUCTION LOG 021208 _C6 CONFIRMATION SOIL BORINGS.GPJ TAIT.GDT 2/14/08

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# BORING NUMBER SB1009

BORING / WELL CONSTRUCTION LOG

**PROJECT NUMBER** EM26900 **DATE STARTED** 2/12/08

**PROJECT NAME** Boeing C6 Facility - Confirmation Soil Borings **DATE COMPLETED** 2/12/08

*Continued from Previous Page*

| PID (ppm) | BLOW COUNTS | RECOVERY / DRIVEN (in.) | LAB NUMBER | SAMPLE COLLECTION TIME | SAMPLES | DEPTH (ft. BGL) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Boring not logged between 10 and 26 feet *(continued)* | 26.0 |
| 6 | | 12/24 | SB1009_SS027_01 | 13:40 | | | CL | | Olive Brown (2.5Y, 4/3) Clay, 90% Clay, 10% Silt, Slightly Moist, Very Stiff, Well Indurated, High Plasticity | 28.0 |
| | | | | | | | | | Boring not logged between 28 and 42 feet | 42.0 |
| >10000 | | 12/24 | | | | | CL | | Olive Brown (2.5Y,4/3), Clay, 90% Clay, 10% Silt, Moist, Very Stiff, Well Indurated, High Plasticity, Chemical Odor | 44.0 |
| 4025 | | 18/24 | | | | | CL | | Light Olive Brown (2.5Y,5/3), Clay with Silt, 65% Clay, 35% Silt, Moist, Very Stiff, Well Indurated, Medium Plasticity, Chemical Odor | 46.0 |
| 9047 | | 18/24 | | | | | CL | | Pale Olive (5Y, 6/3), Clay with Sand, 60% Clay, 10% Silt, 30% Sand, Moist, Very Stiff, Well Indurated, Medium Plasticity, Chemical Odor | 49.0 |
| 1120 | | 14/24 | SB1009_SS050_01 | 15:20 | | | | | | |
| 1050 | | 12/24 | | | | | SP | | Pale Yellow (5Y, 7/4), Sand, Fine Grained, <5% Fines, Moist, Very Dense, Well Indurated, Poorly Sorted | 52.0 |
| | | | | | | | | | Bottom of borehole at 52.0 feet. | |

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