

BOREHOLE BACKFILL DATA SHEET

4/19/2016

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PROJECT INFORMATION

JOSE VALENCIA *[Signature]* 4-19-16 MARK RICHARDS MAR 428-16

Drilling Leadworker/CPT Technician Printed Name/Signature Date Signed Drilling Services/FTI Branch Chief Name/Initial Date Initialed

Declaration of Seal Verification: I confirm I have installed seals in accordance with the California Water Code, Local Enforcement Agency requirements and Geotechnical Services Directive GS-01 in order to protect the subsurface environment and that our work was done conscientiously to the best of my ability.

District	County	Route	Post Mile
07	LA	5	1.0

0700001234 ALONDRA O.C. C. HARRIS CPH 4-19-2016 Shiva Karimi SK 4-22-16

Project I.D. Project Name On-Site Geoprofessional/Initial Date Initialed Design Branch Chief Name/Initial Date Initialed
or
Consultant Printed Name/Initial

LOS ANGELES COUNTY
PUBLIC HEALTH-
ENVIRONMENTAL
HEALTH

LEA Inspector: B-LARSEN

LEA Phone No.: 626-430-5420

Did the LEA perform an inspection?
 Yes No

C-57 Work?
 Yes No

C-57 License No.: FUGRO 909719

Drilling/Push:

Boring Number: A-16-001 Depth to Groundwater (ft): 25.0 GW not encountered
Boring Type: CPT Mud Rotary Hollow Stem Augers Other: _____
Hole diameter: 8.0 (in) Total Depth: 41.5 (ft) Vertical Inclined: _____ (degrees)
Slope Inclinometer Installed? Yes No Length: _____ (ft) Diameter: _____ (in) Annulus grout Inside grout
Geophysical pipe installed? Yes No Length: _____ (ft) Diameter: _____ (in) Annulus grout Inside grout

Sealing Materials:

Sealed full depth? Yes No If no, sealing interval: From: _____ (ft bgs²) To: _____ (ft bgs)
Proportions used: 6.0 gallons of water per 94# sack of cement 0 % Bentonite (if allowed)
Calculated Grout Volume³: 108.4 (gallons) Actual Grout Volume: 115.0 (gallons)
Bentonite Chips: diameter: _____ (in) Calculated bags needed⁴: _____ Actual bags used: _____

Placement:

From Surface: or Tremie: PVC Flush Thread: or Drill Steel: Diameter: 1.0 (in)

Revisit Site for Settlement:

Settlement: 5.0 (ft) Date of Visit: 4/20/2016 Checked by: C. HARRIS
Backfill date: 4/20/2016 Topped off with: Clean Fill Grout Bentonite Chips
Backfilled by: J. VALENCIA Quantity: 13.0 gal

Comments:

4-20-16 OBSERVED 5.0 FEET OF SETTLEMENT. CALCULATED
8.0 in x 8.0 in x 5.0 ft x 0.0408 = 13.1 GALLONS. J. VALENCIA AND CREW
PLACED 13.0 GALLONS OF 6.0 gal WATER/94# CEMENT GROUT TO TOP OFF.

Directions:

This form is to be completed for each borehole and sounding by the individual logging the boring/sounding or the CPT Technician. This form is to be archived on GeoDOG by the Design Branch Chief or Geotechnical Instrumentation Branch Chief.
1 If a Slope Inclinometer was installed and it has drilled holes or slots to measure water, then it is a Stand Pipe Piezometer then Well Completion Report is required instead of a BBDS.

2 BGS means Below Ground Surface
3 hole dia 8.0 (in) times hole dia 8.0 (in) times total depth 41.5 (ft) times 0.0408 = 108.4 gallons of grout
4 See the information on the back of the Bentonite Chip bag