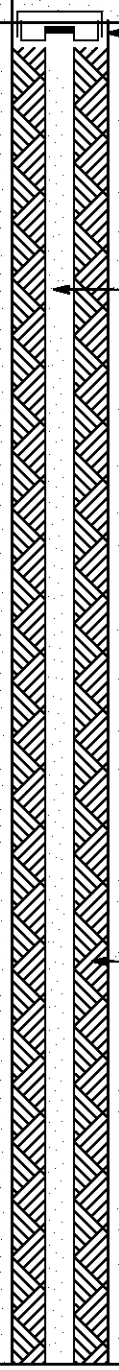
BORING NUMBER MWC011

HALEY & ALDRICH

COMPANY	Haley & Aldrich	DATE STARTED	11/29/2005 08:00
PROJECT NAME	BRC Former C-6 Facility, Torrance, CA	DATE COMPLETED	11/29/2005 17:00
LOCATION	Torrance, California	X-COORDINATE	6470259.017
DRILLING METHOD	Hollow Stem Auger	Y-COORDINATE	1769755.848
SAMPLING DEVICE	California Split Spoon	TOTAL DEPTH	117.0 feet bgs
GROUND ELEVATION	54.30 feet MSL	LOCATION DESCRIPTION	Surveyed
DRILLER NAME	WDC	DEPTH TO WATER	--
LOGGED BY	Todd Hall	MEASURING POINT ELEVATION	54.03 ' (NAVD 88)
REMARKS		APPROVED BY	Paul Sones, CA P.G. # 6195

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (percent)	EXTENT	PID (ppmv)	U.S.C.S./ Rock Code	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
							Concrete	0.5
							Hand auger to 10 feet bgs in triangular pattern, no sampling	
5								
10	9 12 14	60	X	0.0	SW		dense, light brown, well graded fine to coarse SAND with some clay and gravel up to 0.5-inch diameter, iron staining, moist	10.0
								13.0
15	12 17 23	75	X	0.0	SM		loose, red-brown, silty fine SAND, no odor, moist	
20	14 16 17	70	X	0.0				
25	14 17 20	80	X	0.0				25.0
					ML		stiff, olive-grey, SILT with fine sand, moist	28.0
30	11 23 29	70	X	0.0	SM		dense, olive-grey, silty fine SAND with trace gravel, no odor, moist	
35	17 21 27	0	X					38.0
40	9 12 24	60	X	0.0	SP		dense, olive-grey, poorly graded fine SAND with some silt, no odor, moist	43.0
45	12 18 22	80	X	0.0	CL		very stiff, olive-brown, CLAY with fine sand and trace gravel up to 0.25-inch diameter, no odor, moist, medium plasticity	
	24	60	X	0.0				49.5

WELL DIAGRAM



H&A CCI MWBS-MWCSFEB06.GPJ CH2MHILL.GDT 2/24/06

BORING NUMBER MWC011

HALEY & ALDRICH

COMPANY Haley & Aldrich **DATE STARTED** 11/29/2005 08:00

PROJECT NAME BRC Former C-6 Facility, Torrance, CA **DATE COMPLETED** 11/29/2005 17:00

Continued from Previous Page

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (percent)	EXTENT	PID (ppmv)	U.S.C.S./ Rock Code	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
	33 42						loose, yellow-brown, poorly graded fine SAND, iron staining, moist, fining downward		
55	25 37 43	30		0.0	SP				
60	10 27 36	90		0.0			dense, olive-brown, silty fine SAND, iron staining, no odor, wet, micaceous	60.0	
65	14 20 29	70		0.0	SM				
70	15 22 30	60		0.0					
75	9 11 18	50		0.0			loose, light grey, poorly graded fine to medium SAND, no odor, wet, micaceous, fining downward	75.0	
80	11 17 20	60		0.0	SP				
85	15 19 26	50		0.0			dense, yellow-brown to red-brown, silty fine SAND, iron staining, no odor, wet, 2- to 4-inch thick silt interbeds	85.0	
90	14 17 23	30		0.0					8" Bentonite Chips Seal (Medium Bentonite chips)
95	16 22 30	70			SM				
100	14 23 32	40							8" Monterey Sand Filterpack (#2/16)
105	11 14 21	50		0.0	SP		loose, red-brown, poorly graded fine to medium SAND, no odor, wet	105.0	

H&A CCI MWBS-MWCSFEB06.GPJ CH2MHILL.GDT 2/24/06

HALEY & ALDRICH

BORING NUMBER MWC011

COMPANY Haley & Aldrich **DATE STARTED** 11/29/2005 08:00

PROJECT NAME BRC Former C-6 Facility, Torrance, CA **DATE COMPLETED** 11/29/2005 17:00

Continued from Previous Page

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (percent)	EXTENT	PID (ppmv)	U.S.C.S./ Rock Code	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
					SP		loose, red-brown, poorly graded fine to medium SAND, no odor, wet	109.5	2" PVC Slotted Screen 0.02"
110	14 19 26	75	X	0.0	SM		dense, red-brown, silty fine SAND, iron staining, no odor, wet, fining downward	114.0	
115	16 27 30	20	X	0.0	SP		loose, olive-grey, poorly graded fine to medium SAND, no odor, wet	117.0	Fill Filterpack (collapsed native material)
							Bottom of borehole at 117.0 feet.		

H&A CCI MWBS-MWCSFEB06.GPJ CH2MHILL.GDT 2/24/06