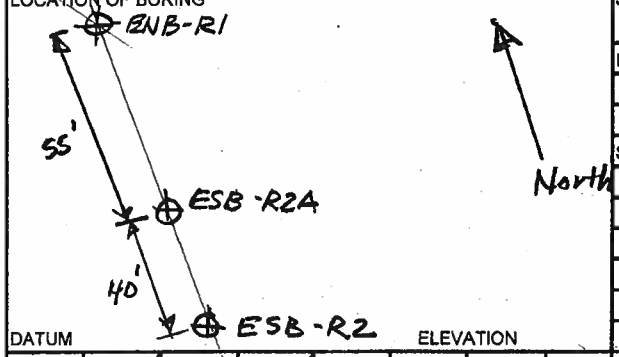
ESB-R2A-PE-S

ARUP

N 2120828.681 E 5997907.170 EL. 11.474

LOCATION OF BORING



DATUM ELEVATION

JOB NO.	CLIENT	LOCATION
131558	SFCTA	Presidio

DRILLING METHOD: Trash Barrel for Coring 6" Auger, Rotary Drilling Method

BORING NO. ESB-R2A(S)

SHEET 1 OF 1

SAMPLING METHOD: No Samples Taken

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING	
START	FINISH
TIME 8:00	TIME 9:15
DATE 12/26/07	DATE 12/26/07

SURFACE CONDITIONS: AC Pavement

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	NUMBER OF RINGS	DEPTH IN FEET	SOIL GRAPH
		3'				0	
		5"				1	
		Drill Casing				2	
						3	
						4	
						5	
						6	
						7	
						8	
						9	
						10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

4" AC

Fill

Bay Mud

Bottom of Borehole @ 10'

Well Details

Well Vault @ Surface

Locking Cap

Pre-mix Concrete Surface to 1.5 feet

1/4" Bentonite Pellets (Hydrated) 1.5 to 3.5 feet

2" PVC Solid

No. 3 Sand 3.5 to 10 feet

2" PVC Slotted Slot Size 0.020" 5 to 10 feet

End Cap

DRILLING CONTR. Gregg/Pitcher Drilling

DRILLER Roland

BY F. Gregunas

DATE 12/26/07

CHK'D BY

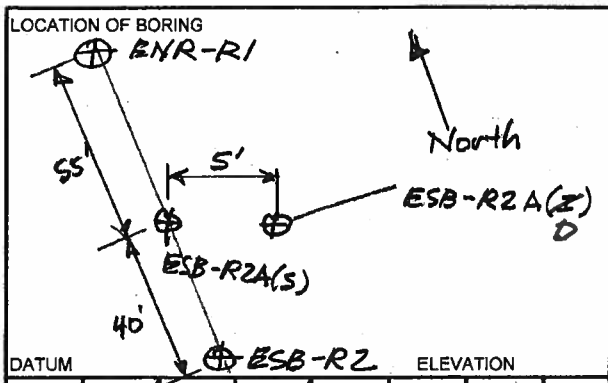
REV 11-03

ESB-R2A-PE-D

ARUP

N 2120826.304 E 5997909.972 EL. 11.453

LOCATION OF BORING



DATUM ELEVATION

JOB NO.	CLIENT	LOCATION
131558	SFCTA	Presidio

DRILLING METHOD: Trash Barrel for Coring 6" Auger, Rotary Drilling Method

BORING NO. ESB-R2A(I) D

SHEET 1 OF 2

SAMPLING METHOD: No samples taken

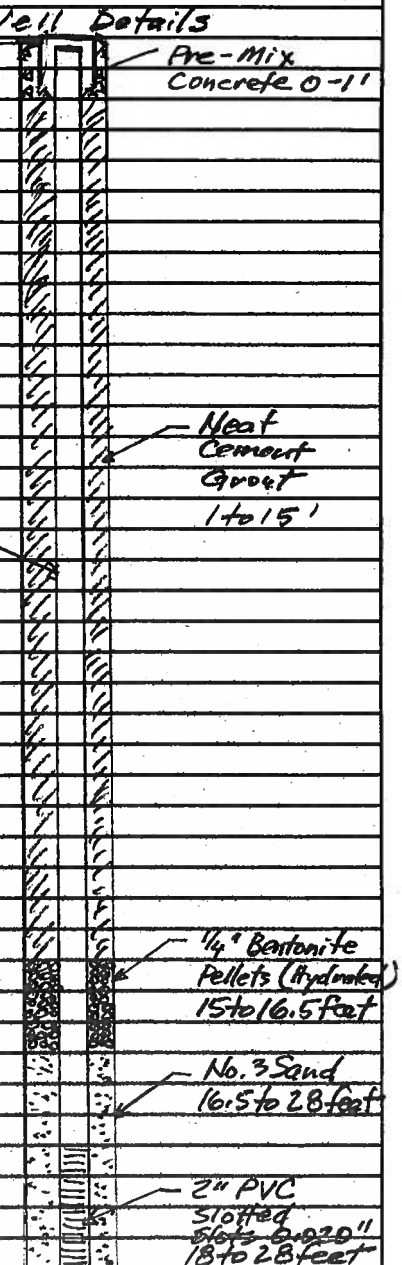
WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING	
START	FINISH
TIME 9:25	TIME 10:45
DATE 12/26/07	DATE 12/26/07

SURFACE CONDITIONS: AC Pavement

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	NUMBER OF RINGS	DEPTH IN FEET	SOIL GRAPH
		9'				0	
		5"				1	
		Drill Casing				2	
						3	
						4	
						5	
						6	
						7	
						8	
						9	
						10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

Well Details



Continued Next Sheet

DRILLING CONTR. Gregg/Pitcher Drilling
DRILLER Roland

BY E. Gregures
DATE 12/26/07
CHK'D BY

REV. 11-03

ARUP

LOCATION OF BORING	JOB NO. 131558	CLIENT SFCTA	LOCATION Presidio
	DRILLING METHOD:		BORING NO. ESB-R2A(D)
			SHEET 2 OF 2
	SAMPLING METHOD:		DRILLING START TIME / FINISH TIME
	WATER LEVEL / TIME / DATE / CASING DEPTH		DRILLING START DATE / FINISH DATE

DATUM ELEVATION

SURFACE CONDITIONS:

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	NUMBER OF RINGS	DEPTH IN FEET	SOIL GRAPH	Well Details
						20		Marine Sand with Shells
						21		
						22		No. 3 Sand 16.5 to 28 feet
						23		
						24		2" PVC Slotted Slots 0.020" 18 to 28 feet
						25		
						26		Grayish Brown Colma Sand
						27		
						28		
						29		End Cap
						30		
						31		Bottom of Borehole @ 31'
						32		
						33		
						34		After Drill Rod and Bit Removed Hole Caved to 28'
						35		
						36		
						37		
						38		
						39		
						40		

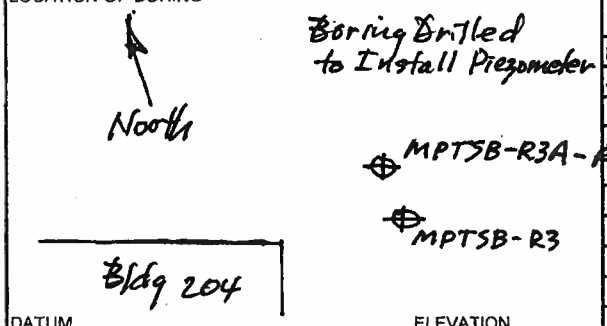
DRILLING CONTR. _____
DRILLER _____
CHK'D BY _____
BY _____
DATE _____

REV. 11-03

MPTSB-R3A-PZ

ARUP N 2120717.904 E 5996880.759 EL. 12.835

LOCATION OF BORING



DATUM ELEVATION

JOB NO.	CLIENT	LOCATION
131558	SFCTA	Presidio

DRILLING METHOD: 8" Hollow Stem Auger Mobile B-61 Rig, Wooden Plug in Bit Used 16" Cutter to Core AC

BORING NO. MPTSB-R3A-PZ

SHEET 1 OF 2

SAMPLING METHOD: No samples Taken

WATER LEVEL				
TIME				
DATE				
CASING DEPTH				

DRILLING	START	FINISH
TIME	1:10pm	3:21pm
DATE	1/11/08	1/11/08

SURFACE CONDITIONS: AC Pavement ≃ 4"

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	NUMBER OF RINGS	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
						6	
						7	
						8	?
						9	
						10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	?
						19	
						20	

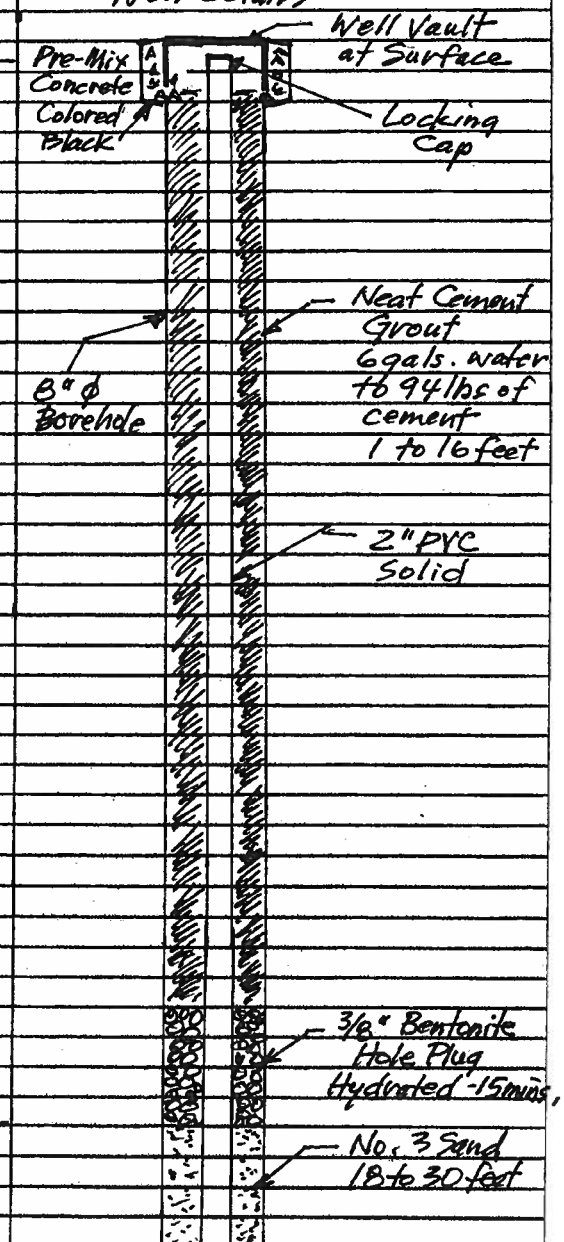
Well Details

4" AC

Fill

Bay Mud / Marine Deposits

Colma Formation



Continued Next Sheet

DRILLING CONTR. Gregg Drilling
DRILLER Robert Greguras

BY F. Greguras
DATE 1/11/08
CHK'D BY

REV. 11-03

ARUP

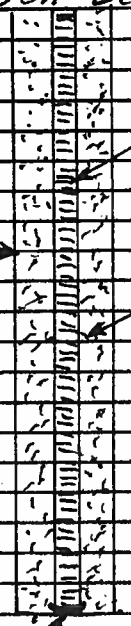
LOCATION OF BORING	JOB NO. 131558	CLIENT SFCTA	LOCATION Presidio
	DRILLING METHOD:		BORING NO. MPTSB-R3A-R2
			SHEET 2 OF 2
	SAMPLING METHOD:		DRILLING
			START TIME 1:10pm / FINISH TIME 3:21 pm
	WATER LEVEL / TIME / DATE / CASING DEPTH		START DATE 1/11/08 / FINISH DATE 1/11/08

DATUM ELEVATION

SURFACE CONDITIONS:

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	NUMBER OF RINGS	DEPTH IN FEET	SOIL GRAPH	
						20		Colma Formation
						21		
						22		
						23		8" ϕ Borehole
						24		
						25		
						26		
						27		
						28		
						29		
						30		Bottom of Borehole @ 30'
						31		
						32		
						33		Wooden Plug Knocked Out After Drilling to 30 feet.
						34		
						35		
						36		
						37		
						38		
						39		
						40		

Well Details



DRILLING CONTR. Greg Drilling
DRILLER Robert Gregurras

BY F. Gregurras
DATE 1/11/08 CHK'D BY

REV. 11-03