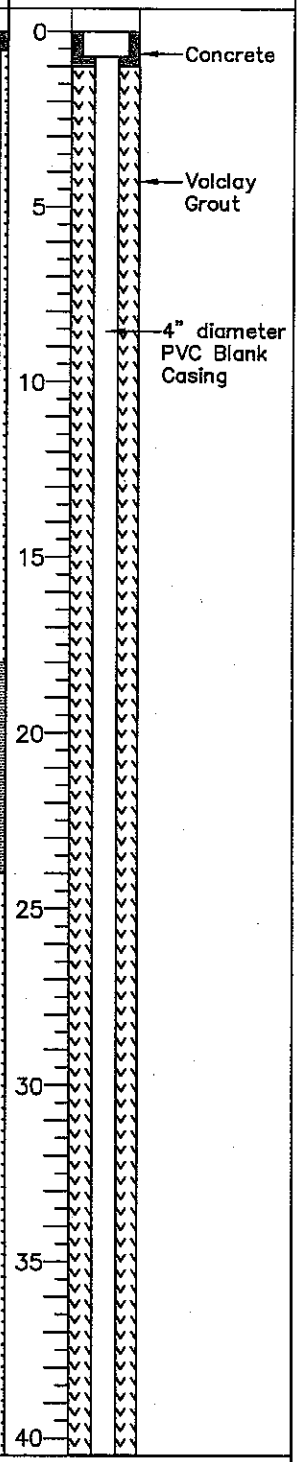
PROJECT NO.: 20-0948	DATE DRILLED: August 18, 2005
LOCATION: Former 76 Station 0353	LOGGED BY: R. Ponce/S. Owens
200 South Central Avenue	APPROVED BY: J. Nordenstam R.G.
Glendale, California	DRILLING CO./RIG: Cascade/CME-85

DRILLING METHOD: 10-inch Diameter Hollow Stem Auger
SAMPLER TYPE: 1.5-inch California Modified Split Spoon
TOTAL DEPTH: 116.5 feet DEPTH TO WATER: 100.5 feet

BLOWS PER 6 INCHES	PID (ppmv)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS
12/16/19	1.1		5	SILTY SAND: grayish brown (10YR 5/2), dense, moist, fine-grained, trace medium-grained sand, trace fine and coarse gravel.	SM
14/16/21	0.1		10		
25/50	0		15	Very dense.	
15/22/30	0.5		20	SAND: light gray (10YR 7/2), very dense, moist, medium-grained, trace fine- and coarse-grained sand, trace fine and coarse gravel.	SP
32/50	0.5		25	SILTY SAND: brown (10YR 4/3), very dense, moist, fine-grained, trace medium- and coarse-grained sand, trace fine and coarse gravel.	SM
50	8.1		30		
--	--		35	No recovery.	
			40		

GRAPHIC LOG

WELL CONSTRUCTION DETAIL



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LOG OF EXPLORATORY BORING

MW-1A

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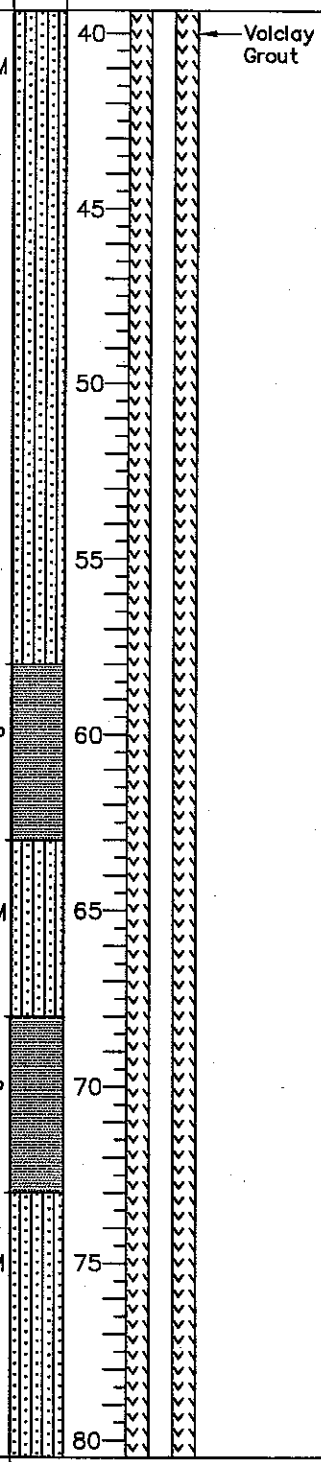
PROJECT NO.: 20–0948	DATE DRILLED: August 18, 2005
LOCATION: Former 76 Station 0353	LOGGED BY: R. Ponce/S. Owens
200 South Central Avenue	APPROVED BY: J. Nordenstam R.G.
Glendale, California	DRILLING CO./RIG: Cascade/CME–85

DRILLING METHOD: 10–inch Diameter Hollow Stem Auger
SAMPLER TYPE: 1.5–inch California Modified Split Spoon
TOTAL DEPTH: 116.5 feet DEPTH TO WATER: 100.5 feet

BLOWS PER 6 INCHES	PID (ppmv)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS
50	1,266	X	40	SILTY SAND: brown (10YR 5/3), very dense, moist, fine-grained, trace medium- and coarse-grained sand, trace fine and coarse gravel, trace cobble.	SM
50	>1,999	X	45		
33/50	>1,999	X	50	No cobble.	
16/20/30	1,675		55		
50	113.6	X	60	SAND: light brownish gray (10YR 6/2), very dense, moist, medium-grained, trace fine- and coarse-grained sand, trace fine and coarse gravel.	SP
35/50	177.2	X	65	SILTY SAND: grayish brown (10YR 5/2), very dense, moist, fine-grained, trace medium- and coarse-grained sand, trace coarse gravel.	SM
32/50	200.6	X	70	SAND: brown (10YR 5/3), very dense, moist, medium-grained, trace fine and coarse-grained sand, trace coarse gravel, trace cobble.	SP
30/50	0.4	X	75	SILTY SAND: pale brown (10YR 6/3), very dense, moist, fine-grained, trace medium- and coarse-grained sand.	SM
			80		

GRAPHIC LOG

WELL CONSTRUCTION DETAIL



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LOG OF EXPLORATORY BORING

MW-1A

PROJECT NO.: 20-0948	DATE DRILLED: August 18, 2005
LOCATION: Former 76 Station 0353	LOGGED BY: R. Ponce/S. Owens
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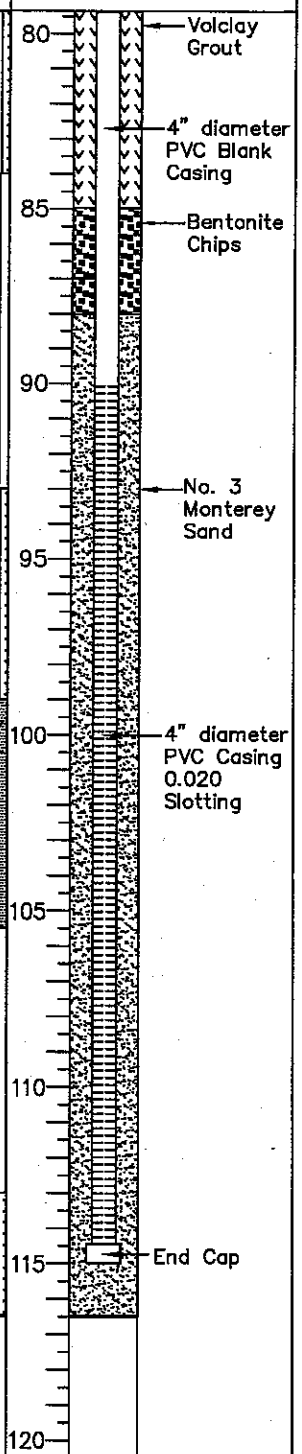
DRILLING METHOD: 10-inch Diameter Hollow Stem Auger
SAMPLER TYPE: 1.5-inch California Modified Split Spoon
TOTAL DEPTH: 116.5 feet DEPTH TO WATER: 100.5 feet

BLOWS PER 6 INCHES	PID (ppmv)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS
34/50	39.4	X	80	SILTY SAND: brown (10YR 5/3), very dense, moist, fine-grained, trace medium-grained sand, trace fine and coarse gravel.	SM
39/50	50.2	X	85	SANDY SILT: dark grayish brown (10YR 4/2), hard, moist, fine-grained sand, trace medium-grained sand.	ML
35/50	34.6		90	Trace coarse gravel.	
30/50	42.3	X	95	SILTY SAND: dark yellowish brown (10YR 3/6), very dense, moist, fine-grained, trace medium-grained sand, trace fine and coarse gravel, trace cobble.	SM
36/50	5.5	X	100	SAND: pale brown (10YR 6/3), very dense, wet, medium-grained, trace fine- and coarse-grained sand.	SP
15/20/25	27.5		105	SANDY SILT: dark yellowish brown (10YR 4/4), hard, wet, fine-grained sand, trace clay.	ML
16/19/24	9.9		110	Brown (10YR 5/3), no clay.	
15/25/34	6.3	X	115	SILTY SAND: brown (10YR 5/3), very dense, wet, fine-grained, trace medium- and coarse-grained sand.	SM
			120		

GRAPHIC LOG

WELL CONSTRUCTION DETAIL



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LOG OF EXPLORATORY BORING

MW-1A

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