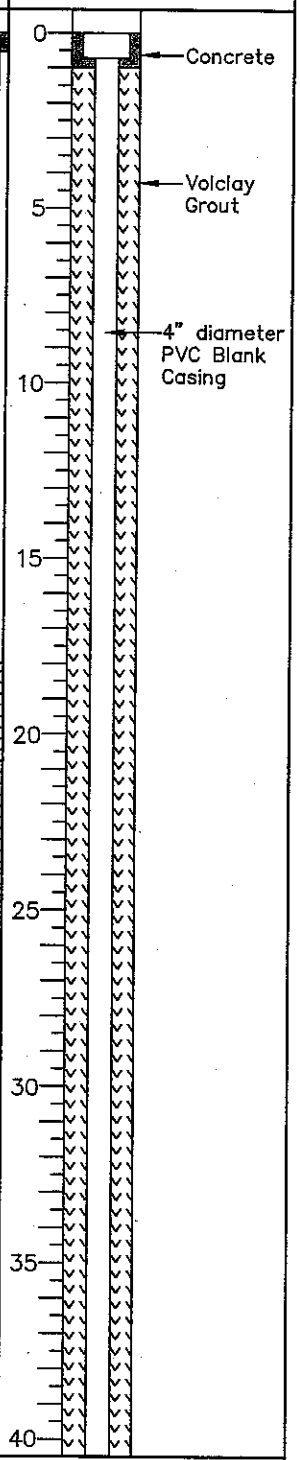
PROJECT NO.: 20–0948	DATE DRILLED: August 15, 2005
LOCATION: Former 76 Station 0353	LOGGED BY: R. Ponce/S. Owens
200 South Central Avenue	APPROVED BY: J. Nordenstam R.G.
Glendale, California	DRILLING CO./RIG: Cascade/CME–85

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
			0	Hand-Augered to 5 feet.	
8/10/12	0		5	SANDY SILT: dark grayish brown (10YR 4/2), very stiff, moist, fine-grained sand.	ML
15/20/22	0		10	Hard, some medium-grained sand, some coarse-grained sand.	
25/50	0.4		15	Trace medium-grained sand.	
18/27/32	0.3		20	SILTY SAND: very dark grayish brown (10YR 3/2), very dense, moist, medium-grained, some fine-grained sand, trace fine and coarse gravel, trace cobble.	SM
31/50	0.5		25	Dark yellowish brown (10YR 4/6).	
50	1.2		30		
33/50	0.9		35		
			40		

GRAPHIC LOG

WELL CONSTRUCTION DETAIL



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LOG OF EXPLORATORY BORING

MW-3A

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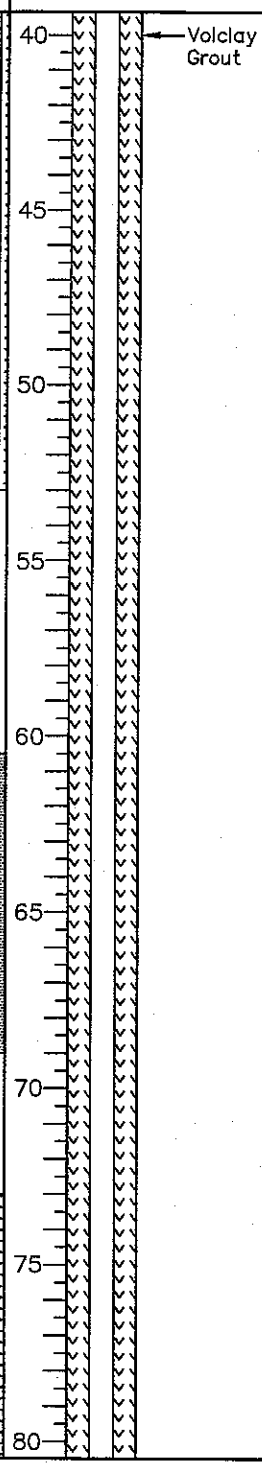
PROJECT NO.: 20-0948	DATE DRILLED: August 15, 2005
LOCATION: Former 76 Station 0353	LOGGED BY: R. Ponce/S. Owens
200 South Central Avenue	APPROVED BY: J. Nordenstam R.G.
Glendale, California	DRILLING CO./RIG: Cascade/CME-85

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
21/50	0.4		40	SILTY SAND: brown (10YR 4/3), very dense, moist, medium-grained, some fine-grained sand, trace fine and coarse gravel, trace cobble.	SM
50	1.5		45		
50	2.2		50	Gray (10YR 5/1).	
23/40	425.2		55	SANDY SILT: dark yellowish brown (10YR 4/6), hard, moist, fine-grained sand, some medium-grained sand, trace clay.	ML
30/50	11.6		60	SAND: reddish brown (5YR 4/4), very dense, moist, fine-grained, some medium-grained sand.	SP
50	7.6		65	Pinkish gray (5YR 7/2), some fine gravel, trace silt, trace coarse-grained sand.	
23/26/31	7.8		70	SANDY SILT: brown (10YR 4/3), hard, moist, fine-grained sand, trace fine and coarse gravel, trace clay.	ML
35/50	6.3		75	SILTY SAND: yellowish brown (10YR 5/4), very dense, moist, fine-grained, trace fine and coarse gravel.	SM
			80		

GRAPHIC LOG

WELL CONSTRUCTION DETAIL



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LOG OF EXPLORATORY BORING

MW-3A

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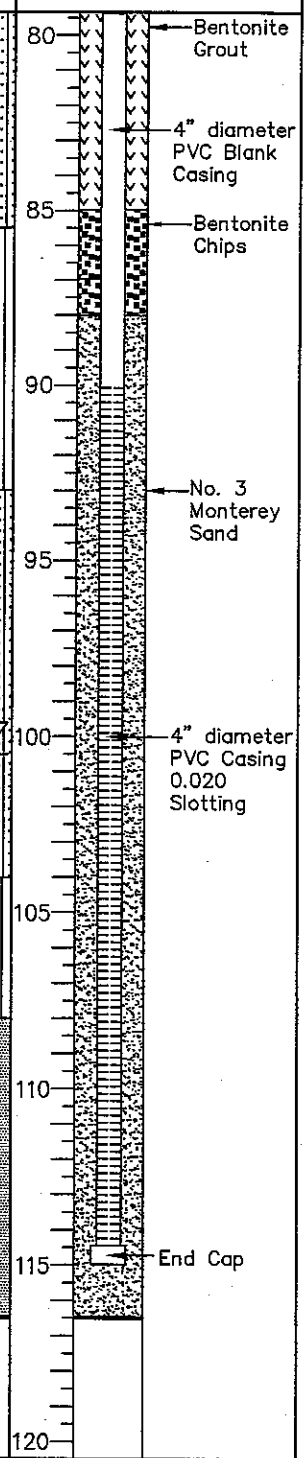
PROJECT NO.: 20–0948	DATE DRILLED: August 15, 2005
LOCATION: Former 76 Station 0353	LOGGED BY: R. Ponce/S. Owens
200 South Central Avenue	APPROVED BY: J. Nordenstam R.G.
Glendale, California	DRILLING CO./RIG: Cascade/CME–85

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
24/50	3.6		80	SILTY SAND: dark yellowish brown (10YR 4/6), very dense, moist, fine-grained sand.	SM
31/50	15.5		85	SILT WITH SAND: brown (10YR 4/3), hard, moist, fine-grained sand, trace clay.	ML
17/25/30	10.0		90	SANDY SILT: dark yellowish brown (10YR 3/6), hard, moist, fine-grained sand, some clay.	
17/26/33	38.1		95	SILTY SAND: dark yellowish brown (10YR 3/4), very dense, moist, fine-grained, trace clay.	SM
14/22/32	24.7		100	Dark yellowish brown (10YR 4/4), wet, trace medium-grained sand, trace fine and coarse gravel.	
10/21/32	5.9		105	SANDY SILT: dark yellowish brown (10YR 3/4), hard, wet, fine-grained sand, trace clay.	ML
17/25/31	0		110	SAND: yellowish brown (10YR 5/4), very dense, wet, medium-grained, trace fine-grained sand.	SP
12/23/30	0		115		
			120		

GRAPHIC LOG

WELL CONSTRUCTION DETAIL



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LOG OF EXPLORATORY BORING

MW-3A

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