Boring Location - MW-3	Top of Casing Elevation - tbd
Drilling Equipment - CME 75 (TCDI Mike Gric)	Dia. and Type of Well Casing - 2" dia PVC
Elevation and Datum - gs	Type of Screen -
Water Level - ~67' bgs	Type of Filter Pack - #2/16 Sand
Date of Boring - 5/28/03	Type of Seal - Bentonite
Logged By - C. Williams	Type of Well Cover - 12-inch flush mount

Depth (ft)	Geologic Log	SOIL DESCRIPTION	WELL DETAILS	Blow Counts	OVM (ppm)	Sample Type	Sample No.	Notes
		6" AC Pavement over native sand						- calibrate PID
	SW	dense to very dense, medium red brown well graded sand, dry to moist (little coarse sand)			3' concrete seal with locking plug and 12" flush mount cover.			- hand auger to 5' bgs prior to drilling
5		BAY POINT FORMATION		29 35 42	<1	SPT	3-5	N>50 0832
	SP	dense, red-brown (slt olive), fine-grained sand, moist, micaceous						
10				15 18 23	<1		3-10*	N=41 0837
		grades to						
15	ML	v. hard, olive, silt, moist	Grout well 2" dia. PVC Casing	26 50/4"	72		3-15*	N>50 0850
	SW	dense to v. dense, lt. gray brown, well graded sand, dry to moist (fine-coarse-grained)						
20				11 18 27	1040		3-20*	N=45 0856
		grades to						
25	SP			9 20 22				
		continued next page						

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* = submitted to lab

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LOG OF BORING MW-3

Boring Location - MW-3 (cont)	Top of Casing Elevation - tbd
Drilling Equipment -	Dia. and Type of Well Casing - 2" dia PVC
Elevation and Datum -	Type of Screen -
Water Level -	Type of Filter Pack - #2/16 Sand
Date of Boring - 5/28/03	Type of Seal - Bentonite
Logged By - C. Williams	Type of Well Cover - 12-inch flush mount

Depth (ft) 25	Geologic Log	SOIL DESCRIPTION	WELL DETAILS	Blow Counts	OVM (ppm)	Sample Type	Sample No.	Notes
	SP	dense, red brown, fine-grained sand, poorly graded, moist, micaceous	Grout Well; 2" dia PVC Casing	8 20 22	>2000		3-25*	N=42 0906
	ML	grades to v. hard, lt. olive, silt, moist						
30	SW	v. dense, lt. red brown, well graded sand, moist (fine - coarse grained)		8 23 31	>2000		3-30*	N750 0916
35	ML	hard, lt. brown, silt, moist		3 5 13	760		3-35*	N=18 0924
	SP	and dense, lt. olive gray, fine sand, poorly graded, dry to moist						
40	CH	hard, lt. olive gray, fat clay, moist w/ caliche		4 10 14	350		3-40*	N=24 0938
		becomes v. hard, med olive gray with Fe oxide mottling						
45				10 19 30	630		3-45*	N>30 0948
50								

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LOG OF BORING MW-3

COMPLIANCE MONITORING SERVICES

Boring Location - MW-3 (continued)	Top of Casing Elevation - tbd
Drilling Equipment -	Dia. and Type of Well Casing - 2" dia PVC
Elevation and Datum -	Type of Screen -
Water Level -	Type of Filter Pack - #2/16 Sand
Date of Boring - 5/28/03	Type of Seal - Bentonite
Logged By - C. Williams	Type of Well Cover - 12-inch flush mount

Depth (ft)	Geologic Log	SOIL DESCRIPTION	WELL DETAILS	Blow Counts	OVM (ppm)	Sample Type	Sample No.	Notes
50								
	CH	continued		10 16 31	14		3-50*	N=47 1005
	SC	dense - v. dense, lt olive, clayey fine sand, moist						
	ML	v. hard, red brown, silt, micaceous, moist						
55				8 15 21	26		3-55*	N=36 1019
		silt with well-graded sand with trace silty-sand interbeds						
60				9 17 22	23		3-60*	N=39 1039
65				9 12 30	8		3-65*	N=42 1054
	SM	dense, med. olive brown, silty, well-graded sand, moist - v. moist						@67.26' below TOC 5/28/03 1335 ~68' ATD
		grades to						
	SW	v. dense, lt. red brown, well-graded sand, wet						
70				18 30 35	<1		3-70*	N>50 1108
75								
		continued next page						

Well details: 2" dia PVC w/ 0.010" machine slots; #2/16 sand

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LOG OF BORING MW-3
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COMPLIANCE MONITORING SERVICES

Boring Location - MW-3 (Continued)	Top of Casing Elevation - tbd
Drilling Equipment -	Dia. and Type of Well Casing - 2" dia PVC
Elevation and Datum -	Type of Screen -
Water Level -	Type of Filter Pack - #2/16 Sand
Date of Boring - 5/28/03	Type of Seal - Bentonite
Logged By - C. Williams	Type of Well Cover - 12-inch flush mount

Depth (ft)	Geologic Log	SOIL DESCRIPTION	WELL DETAILS	Blow Counts	OVM (ppm)	Sample Type	Sample No.	Notes
75	SW	continued		8				
	SW	dense, lt red brown, silty fine sand, wet		10 28	<1		3-75	N=38 1124
	SW	dense, lt red brown, well-graded sand, wet, micaceous, trace silt (mostly fine-med. sand)						add water to combat heavy sands (15 gals total)
80				5 8 26	3		3-80	N=34 1145
		Total Depth = 81.5'						
		#2/16 Sand (RMC) - 7 bags Med. Envirogrip (Wyo Ben) - 1 bag Grout Well (Wyo Ben) - 3½ bags						

REGISTERED GEOLOGIST
D. CLINTON WILLIAMS
No. 5341
Date Signed 8/5/03
STATE OF CALIFORNIA

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