



FACSIMILE COVER SHEET

CHEVRON U.S.A. PRODUCTS COMPANY  
MARKETING - NORTHWEST REGION



Mailing Address : Chevron U.S.A. Products Company  
P.O. Box 5004  
San Ramon, CA 94583-0804  
(Street - 2410 Camino Ramon)

Date : 8-21-92 Fax Number : 50 589-4752

To : SUSAN HOGG - ALAMEDA CO.

From:	Phone Number	Room / Building
Kenneth Kan Site Assessment & Remediation Group	(510) 842-8752	A-02 / 2410

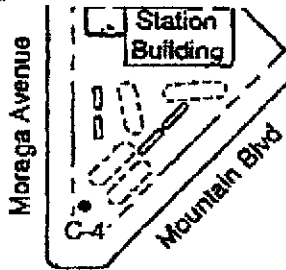
Subject : CHEVRON STATION 9-1740 IN OAKLAND ON 6550 MORAGA AVE.

Remarks : ATTACHED IS THE BORING LOGS FOR ALL OF THE WELLS AT THE ABOVE REFERENCED SITE.  
THIS INFORMATION WAS SENT TO MR. RAPAT SHAMIR ON JUNE 21, 1991.  
IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CALL.

Number of Pages Including Cover Sheet 5

To Reply By Facsimile - Dial (510) 842-9591

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / C-4  
BORING NO.  
PAGE 1 OF 1

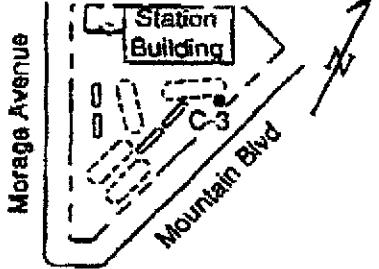
PROJECT NO. 320-94.01  
 LOGGED BY: TG  
 DRILLING METHOD: HSA  
 SAMPLING METHOD: Split Spoon  
 CASING TYPE: Sch 40 PVC  
 SLOT SIZE: 0.020"  
 GRAVEL PACK: 2 x 16 SAND

CLIENT: Chevron USA  
 DATE DRILLED: 3-21-91  
 LOCATION: 6550 Moraga, Oakland  
 HOLE DIAMETER: 8"  
 HOLE DEPTH: 25'  
 WELL DEPTH: 25'  
 WELL DIAMETER: 2"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			FILL; cement; large angular serpentine cobbles(3"-8") in clay matrix.
				4			SANDY CLAY; dark brown to black; moderate plasticity; 15-20% fine to medium grained sand; rust; very soft to firm; moderate to strong product odor.
				6			
				8			
				10			@9.5': lightly mottled to brownish green; moderate plasticity; 20-25% fine to medium grained sand; firm; faint product odor.
				12			
				14			@15': dark gray; high plasticity; 5-10% fine to medium grained sand; stiff; no product odor.
				16			
				18			
				20			@20': serpentine clast blocking sampler.
				22			
				24			@25': dark gray; high plasticity; 5-10% fine to medium grained sand; abundant, highly weathered serpentine cobbles; stiff to very stiff; no product odor.
				26			
				28			
				30			
				32			
				34			
				36			
				38			
				40			
				42			
				44			

BOTTOM OF BORING AT 25'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

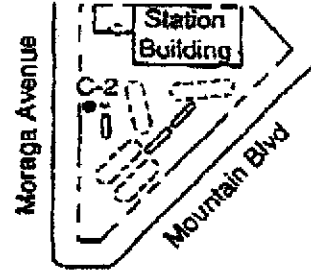
WELL / C-3  
BORING NO.  
PAGE 1 OF 1

PROJECT NO. 320-94.01  
LOGGED BY: TG  
DRILLING METHOD: HSA  
SAMPLING METHOD: Split Spoon  
CASING TYPE: Sch 40 PVC  
SLOT SIZE: 0.020"  
GRAVEL PACK: 2 x 18 SAND

CLIENT: Chevron USA  
DATE DRILLED: 3-20-91  
LOCATION: 6550 Moraga, Oakland  
HOLE DIAMETER: 8"  
HOLE DEPTH: 25'  
WELL DEPTH: 25'  
WELL DIAMETER: 2"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
				2			CL	FILL; asphalt.	
				4				SANDY CLAY; mottled brown to mottled dark brown; moderate to high plasticity; 10-15% fine sand; very soft; no product odor.	
				7				@10': mottled dark brown; high plasticity; 15-20% fine to medium grained sand; 10% fine grained angular basalt cobbles; firm; no product odor.	
				5				@15': trace coarse sand; no basalt clasts; no product odor.	
				5					
				11				CL	SILTY CLAY; mottled rust to gray; moderate plasticity; 15-20% fine to medium grained sand; firm; no product odor.
					24				@25': mottled green to dark gray; moderate to high plasticity; interbedded serpentine clay and dark clay; stiff; no product odor.
					26				BOTTOM OF BORING AT 25'
					28				
					30				
					32				
				34					
				36					
				38					
				40					
				42					
				44					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / C-2  
BORING NO.  
PAGE 1 OF 1

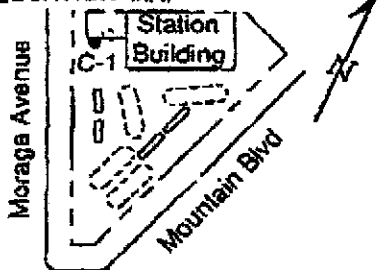
PROJECT NO. 320-94.01  
 LOGGED BY: TG  
 DRILLING METHOD: HSA  
 SAMPLING METHOD: Split Spoon  
 CASING TYPE: Sch 40 PVC  
 SLOT SIZE: 0.020"  
 GRAVEL PACK: 2 x 16 SAND

CLIENT: Chevron USA  
 DATE DRILLED: 3-20-91  
 LOCATION: 6550 Moraga, Oakland  
 HOLE DIAMETER: 8"  
 HOLE DEPTH: 30'  
 WELL DEPTH: 30'  
 WELL DIAMETER: 2"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			CL	FILL: concrete.
				4				SANDY CLAY; mottled green to black; moderate plasticity; 15-20% fine to medium grained sand; oily above 4.5'; very soft; moderate product odor.
				6				
				8				
				10				@10': mottled brown to black; low to moderate plasticity; 10-20% fine to medium grained sand; trace fine gravel; firm; faint product odor.
				12				
				14				@15': dark brown to black; moderate plasticity; 20-25% fine to medium grained sand; firm; no product odor.
				16				
				18				
				20				@20': dark brown to black; high plasticity; 10-20% fine grained sand; small laminations of undulating, highly weathered serpentine; very stiff; no product odor.
				22				
				24				
				26				
				28				
				30				@30': dark gray; high plasticity; 5-10% medium grained serpentine sand; laminar bedding; stiff; no product odor.
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 30'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL / C-1  
BORING NO.  
PAGE 1 OF 1

PROJECT NO. 320-94.01  
LOGGED BY: TG  
DRILLING METHOD: HSA  
SAMPLING METHOD: Split Spoon  
CASING TYPE: Sch 40 PVC  
SLOT SIZE: 0.020"  
GRAVEL PACK: 2 x 16 SAND

CLIENT: Chevron USA  
DATE DRILLED: 3-20-91  
LOCATION: 6550 Moraga, Oakland  
HOLE DIAMETER: 8"  
HOLE DEPTH: 25'  
WELL DEPTH: 25'  
WELL DIAMETER: 2"

WELL COMPLETION	MOISTURE CONTENT	H-NU READING (PPM)	PENETRATION RESISTANCE (BLOWS/FT)	DEPTH (FEET)	SAMPLE	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			CL	FILL; asphalt.
				4				SANDY CLAY; black; low plasticity; 10-20% fine to coarse grained sand; trace coarse gravel; oily; stiff; strong product odor.
	Mst	2100	9	6				
	Mst -Wt	240	6	8				
				10				@10': mottled green to black; moderate to high plasticity; 10-20% fine to medium grained sand; firm; no product odor.
	Wt	8	13	12				
				14				@15': greenish gray; low to moderate plasticity; 10-15% fine to medium grained sand; dark green, coarse grained, angular cobble of serpentine at shoe; stiff; no product odor.
	Wt	200	15	16				
				18				
	Wt	NO	15	20				@20': dark green to black; low plasticity; 10-20% fine to medium grained sand; 5-10% angular serpentine clasts; stiff; no product odor.
				22				
				24				@25': dark brownish green; moderate plasticity; 10-15% fine grained sand; weathered and foliated serpentine layers(1"-2"); stiff; no product odor.
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 25'