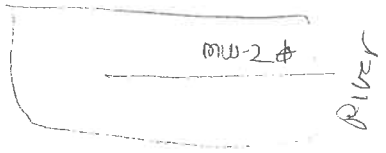
LOCATION MAP



NORTHING EASTING ELEVATION

ACIFIC ENVIRONMENTAL GR P, INC.

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

PROJECT NO. 305-30.01
LOGGED BY: MF
DRILLER: All Terrain
DRILLING METHOD: Cal. Mod
SAMPLING METHOD: HSA
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.02-inch
GRAVEL PACK: 2x12 Lonestar

CLIENT: Shell
DATE DRILLED: 12/11/91
LOCATION: Eureka
HOLE DIAMETER: 12 inches
HOLE DEPTH: 19.5 feet
WELL DIAMETER: 4 inches
WELL DEPTH: 18 feet
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/6")	DEPTH (FEET)	SOIL TYPE	LITHOLOGY / REMARKS
cement				1, 2	ML	FILL - CLAYEY SILT; Dark grey; 20-30% clay; 70-80% silt; trace very fine sand; trace medium sand; trace shell fragments; roots; wood fragments; NPO
Bentonite	4' (5:00)			3, 4, 5	SC	CLAYEY SAND; Dark olive grey; 10-20% clay, 15-25% silt; 25-35% fine sand; 10-20% medium sand; 5-15% coarse sand; 5-15% gravel; NPO
SAND	MST	0.1	3, 3, 50	6, 7	CL	SILTY CLAY; Dark grey; Low to moderate plasticity; 60-70% clay; 25-35% silt; trace-10% fine sand; roots; wood blocked recovery in shoe; Firm; NPO
	7.8' (1:30)			8, 9		@ 7'-8.5': Slow drilling through loose fog.
			11, 6, 6, 3, 3, 4, 4	10, 11, 12		@ 9-11': Recovery blocked by wood in shoe
	WET	0.8	6	13		@ 12': 70-80% clay; 20-30% silt; roots and wood throughout; Stiff; NPO
			1, 4, 5	14, 15		@ 14': 50-60% clay; 40-50% silt; Slight H_2S odor; NPO
	WET	—	5	16	ML	SILTY SAND; Dark blue grey; trace-10% clay; 35-45% silt; 50-60% fine sand; Loose; NPO
			7, 7, 14	17, 18, 19	SM	SAND; Dk. blue grey; trace clay; 10-20% silt; 80-90% very fine sand; well sorted; Very dense; NPO
	WET	15	43	20		(Flowing sand) 12/12/91 @ 8:15 WL=4.41

Bottom of hole 19.5 feet