

8911-11

**BORING LOG AND
GROUND-WATER MONITORING
WELL DIAGRAM**

DATE: 11/12/92 WELL NO.: MW-3
 Cased from: ~0 to 4' with PVC Sch 40
 Screened from: ~4' to 19' (15'-screen)
 Well Depth: ~19'
 Well Diameter: 4"

CLIENT: Enviro-Comp Services
 PROJECT NAME: Parker Block
 PROJECT NO.: 921023DE.1
 LOCATION: Millsboro, DE

DRILLER: A.C. Schultes (AI Draper)
 DRILL RIG: CME
 DRILL METHOD: Hollow Stem Auger
(6 1/4" I.D. 10' O.D.)
 DATE DRILLED: 11/12/92
 LOGGED BY: Greg Magnus, P.G.

WELL DETAIL	DEPTH	LITHOLOGICAL DESCRIPTION	COMMENTS
	5'	~0'-2': Gravel and topsoil (Odors; possible hydrocarbons) (PID: Cuttings, ~53 ppm)	Flush mounted monitoring well with locking caps. GROUT: At surface (~4")
	10'	~2'-4': Brown sandy-clay and silt (Odors; possible hydrocarbons) (PID: Cuttings, ~120 ppm)	BENTONITE PLUG: ~2' to 4"
	15'	~4'-6': Gray clay	GRAVEL PACK: ~19' to 2'
	15'	~6'-9': Tan/gray clay and silt (Odors; possible hydrocarbons) (PID: Cuttings, ~187 ppm)	Microtip (Photoionization detector) field readings (boring #3; MW-3) were made of soil cuttings and split-spoon soil samples. Odors were encountered within the soil cuttings and split-spoon soil samples at this location. The microtip was calibrated in the field, prior to use, using isobutylene (93.3 ppm).
	15'	~9'-11': Orange/tan sand (PID: Split-spoon seds., 0 ppm)	
	15'	~11'-14': Orange and gray sand and silt (wet) (PID: Cuttings, 25 ppm)	
	20'	~14'-19': Orange sand (wet)	

NOTE: GROUND-WATER LEVEL MEASUREMENT TAKEN BY ENVIRO-COMP SERVICES ON 12/07/92. TOP OF CASING MEASUREMENT REPORTED TO BE AT 51 3/8-INCHES WITH WATER ENCOUNTERED AT 11' 11/12" BELOW TOP-OF-CASING. CASING AND SCREEN USED TO CONSTRUCT GROUND-WATER MONITORING WELL PROVIDED BY ENVIRO-COMP SERVICES.
 S.S. = SPLIT-SPOON SOIL SAMPLE