

# **RRDD #1 LANDFILL SITE INVESTIGATION**

## **Regional Refuse Disposal District #1**

**BARKHAMSTED, CONNECTICUT**

**VOLUME V OF V  
PLATES (CONTINUED)**

**DECEMBER 1991**

PREPARED BY:

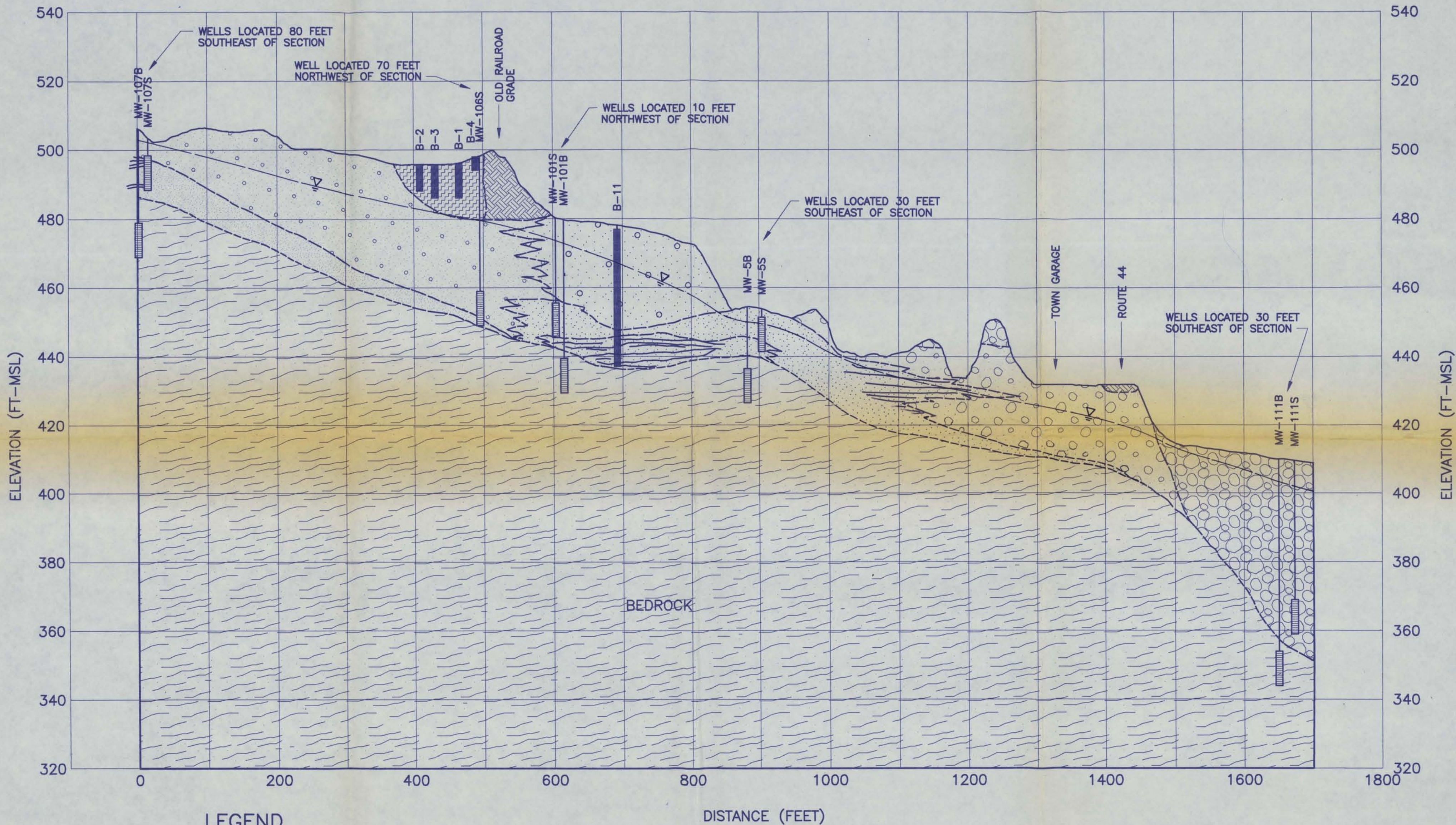


FUSS & O'NEILL, INC.  
146 HARTFORD ROAD  
MANCHESTER, CONNECTICUT 06040

#90-264

SOUTHWEST  
C

NORTHEAST  
C'



**LEGEND**

- WELL CASING
- WELL SCREEN
- SOIL BORING
- FINE SAND AND SILT
- DENSE FINE SAND AND SILT
- FINE TO MEDIUM SAND, SILT AND GRAVEL
- FINE TO MEDIUM SAND AND GRAVEL
- LAYERED FINE TO COARSE SAND AND GRAVEL
- MEDIUM TO COARSE SAND, GRAVEL AND COBBLES
- RARE TO FREQUENT LAMINAE
- ARTIFICIAL FILL
- WASTE DISPOSAL AREA
- BEDROCK
- WATER TABLE ELEVATION, 10/8/91

VERTICAL EXAGGERATION = 5X

PROJ. MANAGER: D.F.H.		
CHIEF DESIGNER: J.L.R.		
REVIEWED	BY	DATE
BOUNDARY		
FIELD EDIT		
GEOMETRY		
DRAFTING		
OFFICE REVIEW		
REVISION DATE:		
▲	▲	▲
▲	▲	▲
SCALE:	HOR. 1 IN. 100 FT.	PROJECT 90-264C
	VER. 1 IN. 20 FT.	FLD. BK. DATE NOV. 1991

**FUSS & O'NEILL** inc  
consulting engineers  
146 HARTFORD ROAD, MANCHESTER, CONNECTICUT 06040  
(203) 646-2469

**GEOLOGIC CROSS SECTION C-C'**  
RRDD#1 LANDFILL SITE INVESTIGATION  
**REGIONAL REFUSE DISPOSAL DISTRICT 1**  
ROUTE 44 BARKHAMSTED, CONNECTICUT

FILE NAME: 90264PRT

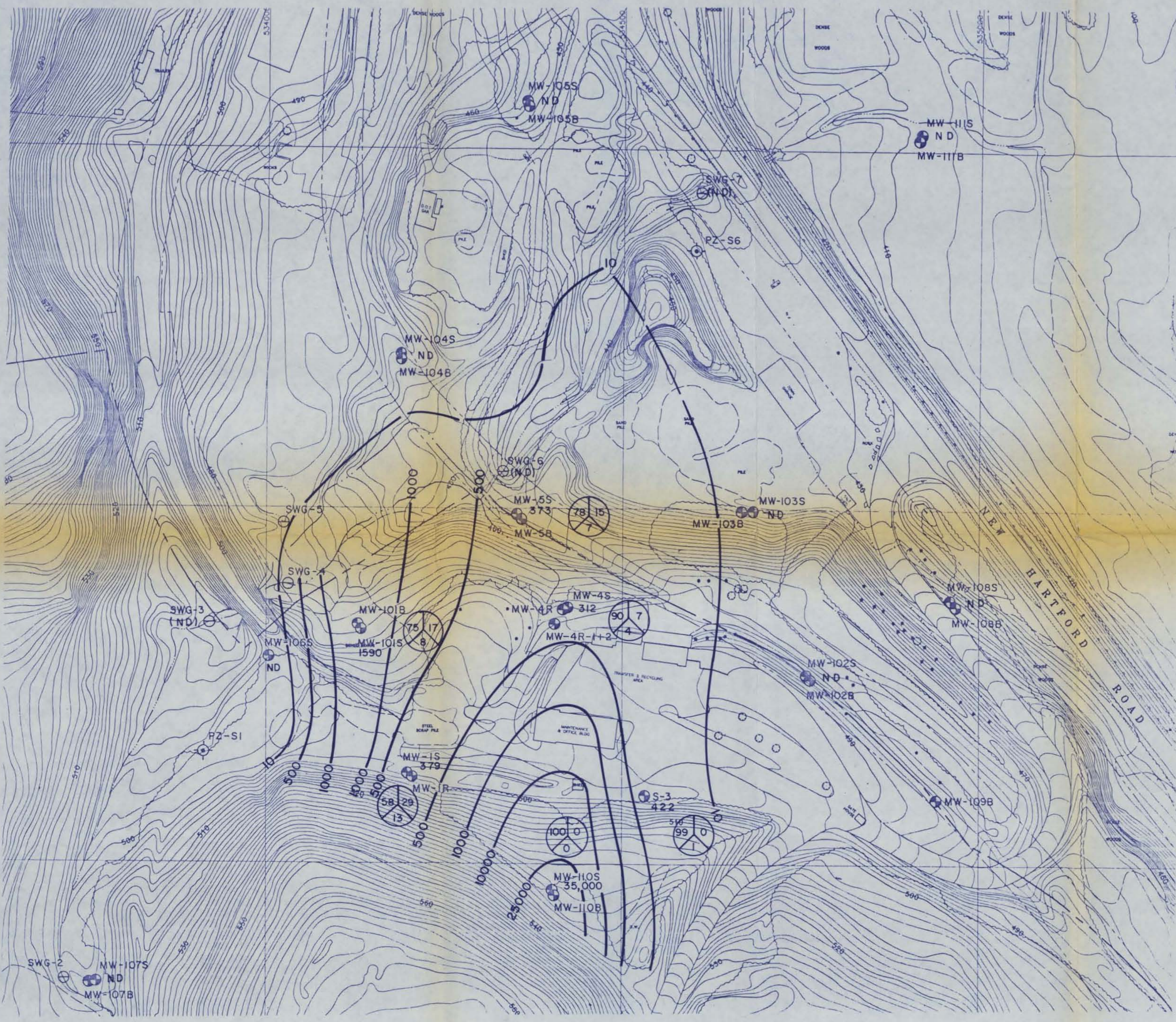












**LEGEND**

- GRAVEL ROAD
- ==== PAVED ROAD
- - - - DIRT ROAD
- - - - SHOULDER / EDGE OF DIRT
- - - - APPROXIMATE STREAM LOCATION
- ==== GUARD RAIL
- 530 --- CONTOURS
- - - - TOWN LINE
- - - - PROPERTY LINE
- - - - EDGE OF WATER
- ~~~~~ TREE LINE
- ===== STONE WALL
- x - x - FENCE
- TREE
- EVERGREEN TREE
- STREET LIGHT
- STREET SIGN
- FIRE HYDRANT
- 639.4 SPOT ELEVATION
- MANHOLE
- CATCH BASIN
- VALVE
- UTILITY POLE
- \* MARSH
- SWG-1 SURFACE WATER GAUGE
- PZ-S1 PIEZOMETER
- MW-101S 1590 MONITORING WELL  
TOTAL AROMATIC VOC  
CONCENTRATION (ug/l)
- T X E AROMATIC COMPOUNDS EXPRESSED  
AS PERCENTAGES OF TOTAL  
CONCENTRATION (T) OLUENE  
(X) YLENE, (E) THYLBENZENE
- 10 --- CONCENTRATION ISOPLETHS  
(ug/l)  
DASHED WHERE INFERRED
- ND NOT DETECTED
- ( ) POSTED CONCENTRATION VALUE  
NOT USED FOR CONTOURING

TOPOGRAPHIC FEATURES, SHOWN HEREON, WERE PREPARED IN ACCORDANCE WITH CLASS T-3. REFERENCE IS MADE TO "NATIONAL MAP STANDARDS FOR PHOTOGRAMMETRIC MAPPING" FLIGHT DATED: MARCH 22, 1990 BY AERIAL DATA REDUCTION ASSOCIATES, INC.



I hereby declare that this map is substantially correct in accordance with the standard of a Class D map as defined in the "Recommended Standards for Surveys and Maps in the State of Connecticut" as prepared and adopted by the Connecticut Association of Land Surveyors, Inc., on September 13, 1984. This map is compiled from other maps, deed dimensions, and/or other sources of information and subject to change as a field survey may disclose.

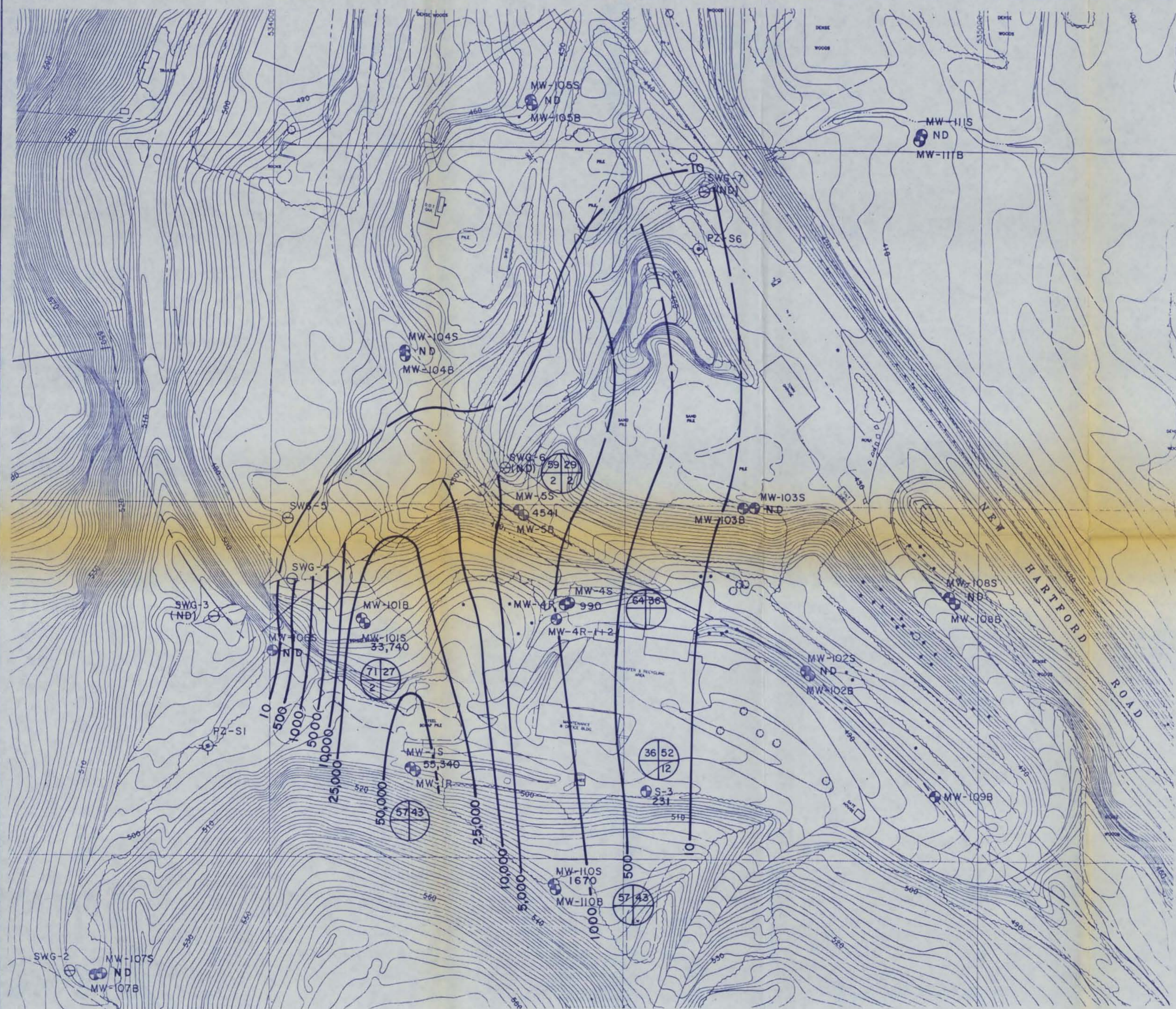
*Lawrence R. Geissler, Jr.*  
LAWRENCE R. GEISSLER, JR. L.S. #12327

PROJ. MANAGER: D.F.H.	
CHIEF DESIGNER: T.L.W.	
REVIEWED BY	DATE
BOUNDARY	
FIELD EDIT	
GEOMETRY	
DRAFTING	
OFFICE REVIEW	
REVISION DATE:	
Δ	Δ
Δ	Δ
SCALE: HOR. 1 IN. = 100 FT.	VER. 1 IN. = 10 FT.

**FUSS & O'NEILL**  
consulting engineers  
146 HARTFORD ROAD, MANCHESTER, CONNECTICUT 06040  
(203) 646-2459

AROMATIC VOC'S CONCENTRATION ISOPLETHS  
OVERBURDEN WELLS AND SURFACE WATERS  
RRDD #1 LANDFILL SITE INVESTIGATION  
REGIONAL REFUSE DISPOSAL DISTRICT #1  
ROUTE 44 BARKHAMSTED, CT.  
PROJECT 90-264C FLD. BK. DATE DEC. 1991 PLATE 22





**LEGEND**

- GRVEL ROAD
- ==== PAVED ROAD
- - - - DIRT ROAD
- - - - SHOULDER / EDGE OF DIRT
- - - - APPROXIMATE STREAM LOCATION
- ==== GUARD RAIL
- 530 --- CONTOURS
- ==== TOWN LINE
- - - - PROPERTY LINE
- EDGE OF WATER
- ~~~~~ TREE LINE
- STONE WALL
- x - x - x - FENCE
- TREE
- EVERGREEN TREE
- STREET LIGHT
- STREET SIGN
- FIRE HYDRANT
- 639.4 ○ SPOT ELEVATION
- MANHOLE
- CATCH BASIN
- VALVE
- UTILITY POLE
- MARSH
- SWG-1 SURFACE WATER GAUGE
- PZ-S1 PIEZOMETER
- MW-101S MONITORING WELL  
33,740 TOTAL NON-HALOGENATED VOC CONCENTRATION (ug/l)
- ME A MI E NON-HALOGENATED CONCENTRATIONS EXPRESSED AS PERCENTAGES OF TOTAL CONCENTRATION (ME)K, (A)CETONE, (MI)BK, (E)THYLETHER
- 10 --- CONCENTRATION ISOPLETHS(ug/l)  
DASHED WHERE INFERRED
- ND NOT DETECTED
- ( ) POSTED CONCENTRATION VALUE NOT USED FOR CONTOURING

TOPOGRAPHIC FEATURES, SHOWN HEREON, WERE PREPARED IN ACCORDANCE WITH CLASS T-3. REFERENCE IS MADE TO "NATIONAL MAP STANDARDS FOR PHOTOGRAMMETRIC MAPPING" FLIGHT DATED: MARCH 22, 1990 BY AERIAL DATA REDUCTION ASSOCIATES, INC.



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PROJ. MANAGER: D.F.H.	REVIEWED	BY	DATE
CHIEF DESIGNER: T.L.W.	BOUNDARY		
	FIELD EDIT		
	GEOMETRY		
	DRAFTING		
	OFFICE REVIEW		
REVISION DATE:			
SCALE: HOR. 1 IN. = 100 FT.	VER. 1 IN. = 10 FT.	PROJECT 90-264C	FLD. BK. DATE DEC 1991

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**NON-HALOGENATED VOC'S CONCENTRATION ISOPLETHS  
OVERBURDEN WELLS AND SURFACE WATERS  
RRDD #1 LANDFILL SITE INVESTIGATION  
REGIONAL REFUSE DISPOSAL DISTRICT #1  
ROUTE 44 BARKHAMSTED, CT.**

PLATE 23



**LEGEND**

- GRAVEL ROAD
- PAVED ROAD
- - - DIRT ROAD
- - - SHOULDER / EDGE OF DIRT
- - - APPROXIMATE STREAM LOCATION
- GUARD RAIL
- - - 530 CONTOURS
- - - TOWN LINE
- - - PROPERTY LINE
- - - EDGE OF WATER
- - - TREE LINE
- - - STONE WALL
- x - x - FENCE
- TREE
- EVERGREEN TREE
- STREET LIGHT
- STREET SIGN
- FIRE HYDRANT
- 639.4 SPOT ELEVATION
- MANHOLE
- CATCH BASIN
- VALVE
- UTILITY POLE
- \* MARSH
- SWG-1 SURFACE WATER GAUGE
- PZ-S1 PIEZOMETER
- MW-101S 1,380 MONITORING WELL TOTAL HALOGENATED VOC CONCENTRATION (ug/l)
- 5 CONCENTRATION ISOPLETHS (ug/l) DASHED WHERE INFERRED
- ND NOT DETECTED
- ( ) POSTED CONCENTRATION VALUE NOT USED FOR CONTOURING

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REVISION DATE:		
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SCALE:	HOR. 1 IN. = 100 FT.	VER. 1 IN. = 100 FT.

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**HALOGENATED VOC'S CONCENTRATION ISOPLETHS  
OVERBURDEN WELLS AND SURFACE WATERS  
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REGIONAL REFUSE DISPOSAL DISTRICT #1  
ROUTE 44 BARKHAMSTED, CT.**

PROJECT: 90-264C FLD. BK. DATE: DEC. 1991  
PLATE 24











