

EXPLANATION  
 MONITORING WELL LOCATION

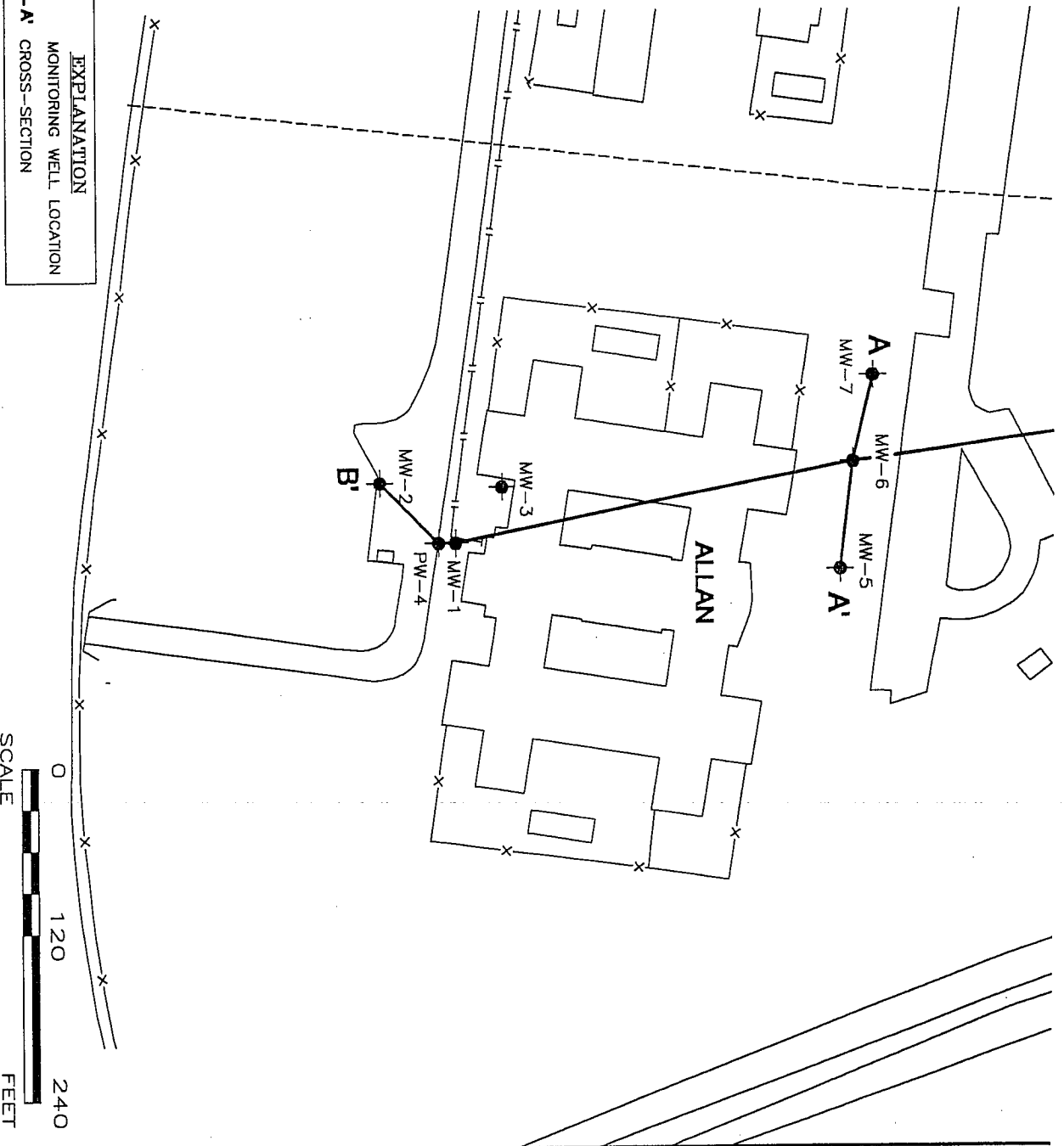
SCALE  
 0 120 240  
 FEET

**SITE MAP**  
 DEPARTMENT OF MENTAL HEALTH - ALLAN BUILDING  
 2100 BULL STREET  
 SC DHEC NO. 17186  
 COLUMBIA, SC

JOB NO. 1927H	FIGURE 3
DRAWN BY KDN	CHECKED BY GS
SCALE AS SHOWN	DATE 3/16/99

**Q O R E**  
 PROPERTY SCIENCES

DWG: 1927ALLH



**EXPLANATION**  
 ● MONITORING WELL LOCATION  
 — A' — CROSS-SECTION

SCALE  
 0 120 240  
 FEET

**CROSS-SECTION TRANSECTS**

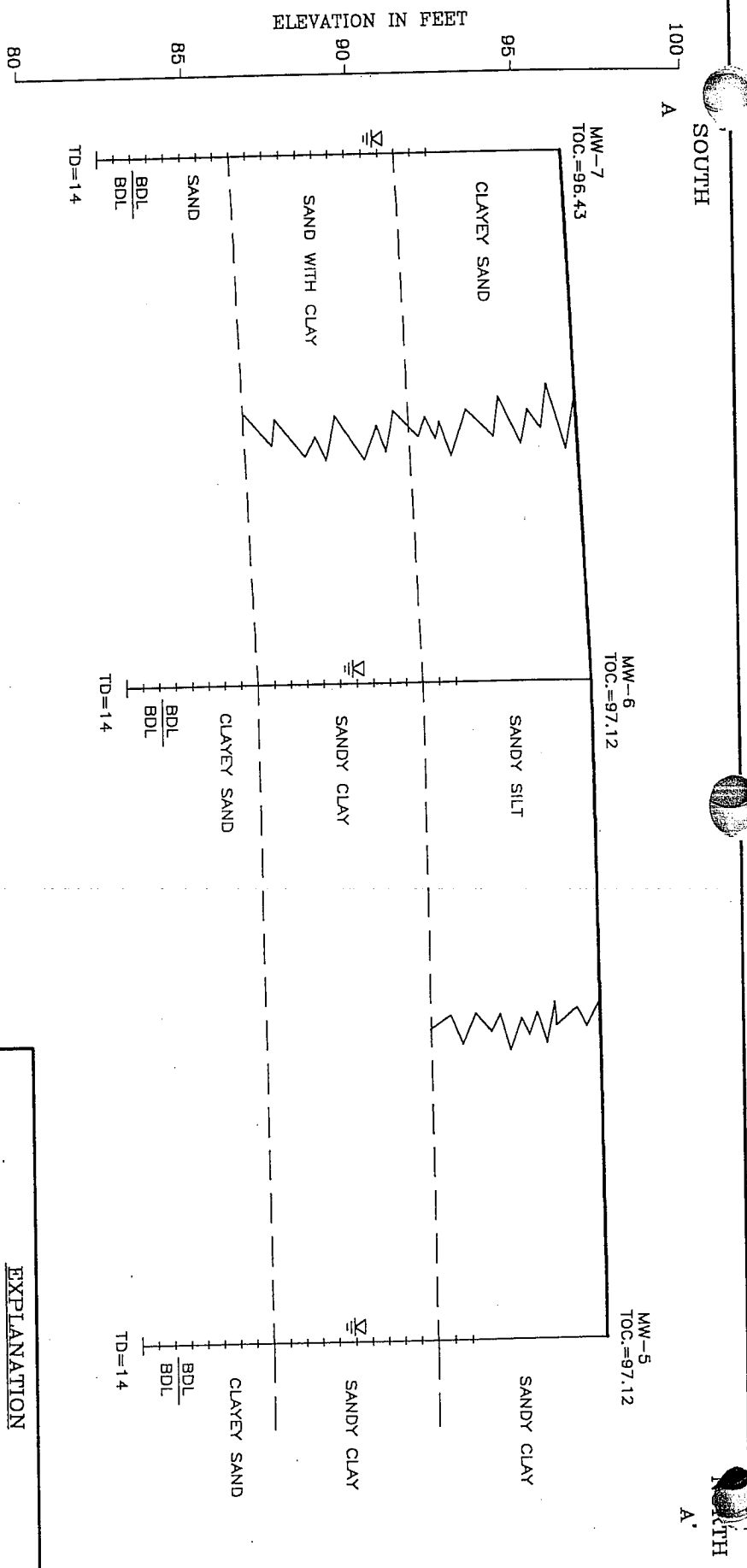
DEPARTMENT OF MENTAL HEALTH — ALLAN BUILDING  
 2100 BULL STREET  
 SC DHEC NO. 17186  
 COLUMBIA, SC

JOB NO. 1927H	FIGURE 4
DRAWN BY KDN	CHECKED BY GS
SCALE AS SHOWN	DATE 3/16/99

**Q O R E**

PROPERTY SCIENCES

DWG: 1927ALLH



**EXPLANATION**

TOC.=TOP OF CASING

WATER LEVEL →

SCREEN INTERVAL

CLAYEY SILT

TD=TOTAL DEPTH (in feet)

GENERAL GEOLOGIC DESCRIPTION

BDL = BENZENE CONCENTRATIONS IN MICROGRAMS PER LITER

BDL = TOTAL BTEX CONCENTRATIONS IN MICROGRAMS PER LITER

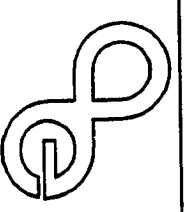
BDL = BELOW LABORATORY DETECTION LIMITS

HORIZ. SCALE: 1"=20'

VERT. SCALE: 1"=5'

DWG: 1927XAA

DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
3/19/99	KN	GS	AS SHOWN	1927H	5



atlanta testing & engineering  
geotechnical & hydrogeologic  
consultants  
florida—georgia—carolinas

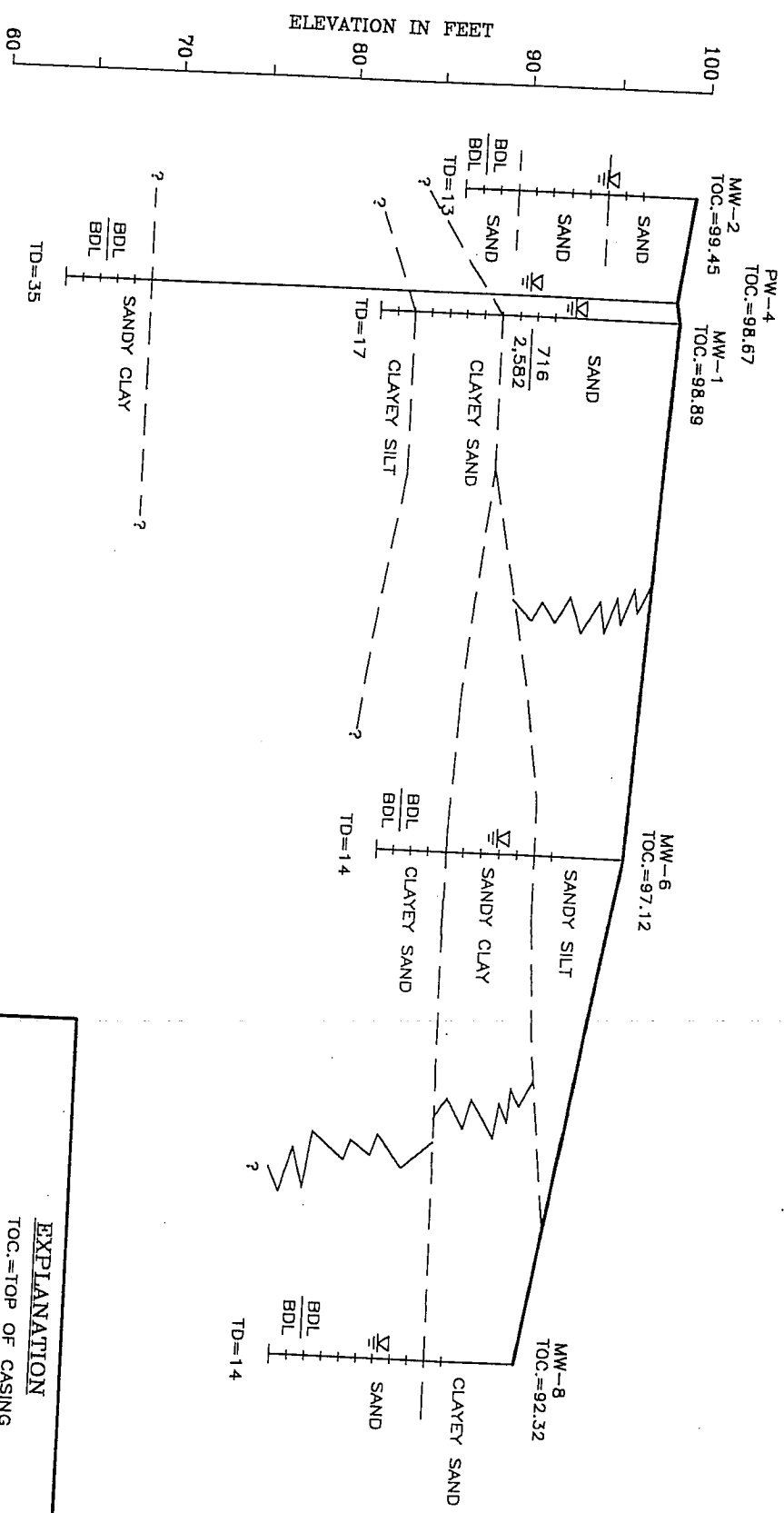
**CROSS-SECTION A-A'**

DEPARTMENT OF MENTAL HEALTH - ALLAN BUILDING

2100 BULL STREET

SCDHEC ID NO. 17186

COLUMBIA, SC



SCALE: 1"=100'  
 CALE: 1"=10'

27XB8

**atlanta testing & engineering**  
 geotechnical & hydrogeologic  
 consultants  
 florida—georgia—carolinas

DATE  
 3/19/99

DRAWN BY  
 KN

CHECKED BY  
 GS

SCALE  
 AS SHOWN

JOB NO.  
 1927H

FIGURE  
 6

**CROSS-SECTION B-B'**

DEPARTMENT OF MENTAL HEALTH - ALLAN BUILDING  
 2100 BULL STREET  
 SCDHEC ID NO. 17186  
 COLUMBIA, SC

**EXPLANATION**

TOC = TOP OF CASING

WATER LEVEL →

SCREEN INTERVAL

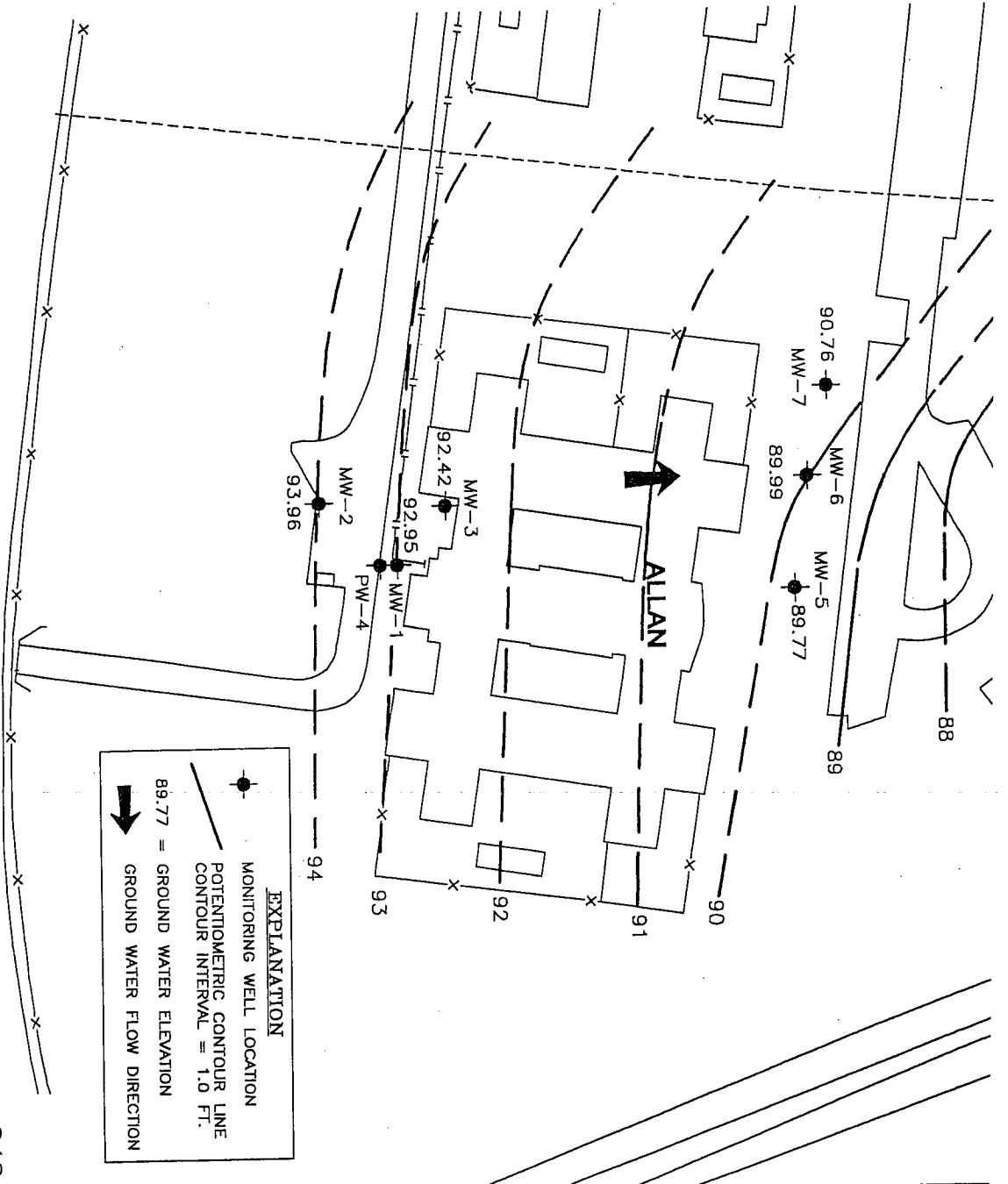
CLAYEY SILT

GENERAL GEOLOGIC DESCRIPTION

TD = TOTAL DEPTH (in feet)

716 = BENZENE CONCENTRATIONS IN MICROGRAMS PER LITER  
 2,582 = TOTAL BTEX CONCENTRATION IN MICROGRAMS PER LITER  
 BDL = BELOW LABORATORY DETECTION LIMITS





**EXPLANATION**

- MONITORING WELL LOCATION
- - - POTENTIOMETRIC CONTOUR LINE  
CONTOUR INTERVAL = 1.0 FT.
- 89.77 = GROUND WATER ELEVATION
- GROUND WATER FLOW DIRECTION



**POTENTIOMETRIC MAP**  
 MEASUREMENTS RECORDED ON FEB. 12, 1999  
 DEPARTMENT OF MENTAL HEALTH - ALLAN BUILDING  
 2100 BULL STREET  
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 COLUMBIA, SC

JOB NO. 1927H	FIGURE 7
DRAWN BY KDN	CHECKED BY GS
SCALE AS SHOWN	DATE 3/16/99

**Q O R E**  
 PROPERTY SCIENCES

DWG: 1927ALH

E	<1.0
X	<1.0
MTBE	<1.0

B	<1.0
T	<1.0
E	<1.0
X	<1.0
MTBE	<1.0

B	<1.0
T	<1.0
E	<1.0
X	<1.0
MTBE	<1.0

B	<1.0
T	<1.0
E	<1.0
X	<1.0
MTBE	<1.0

B	<1.0
T	<1.0
E	<1.0
X	<1.0
MTBE	<1.0

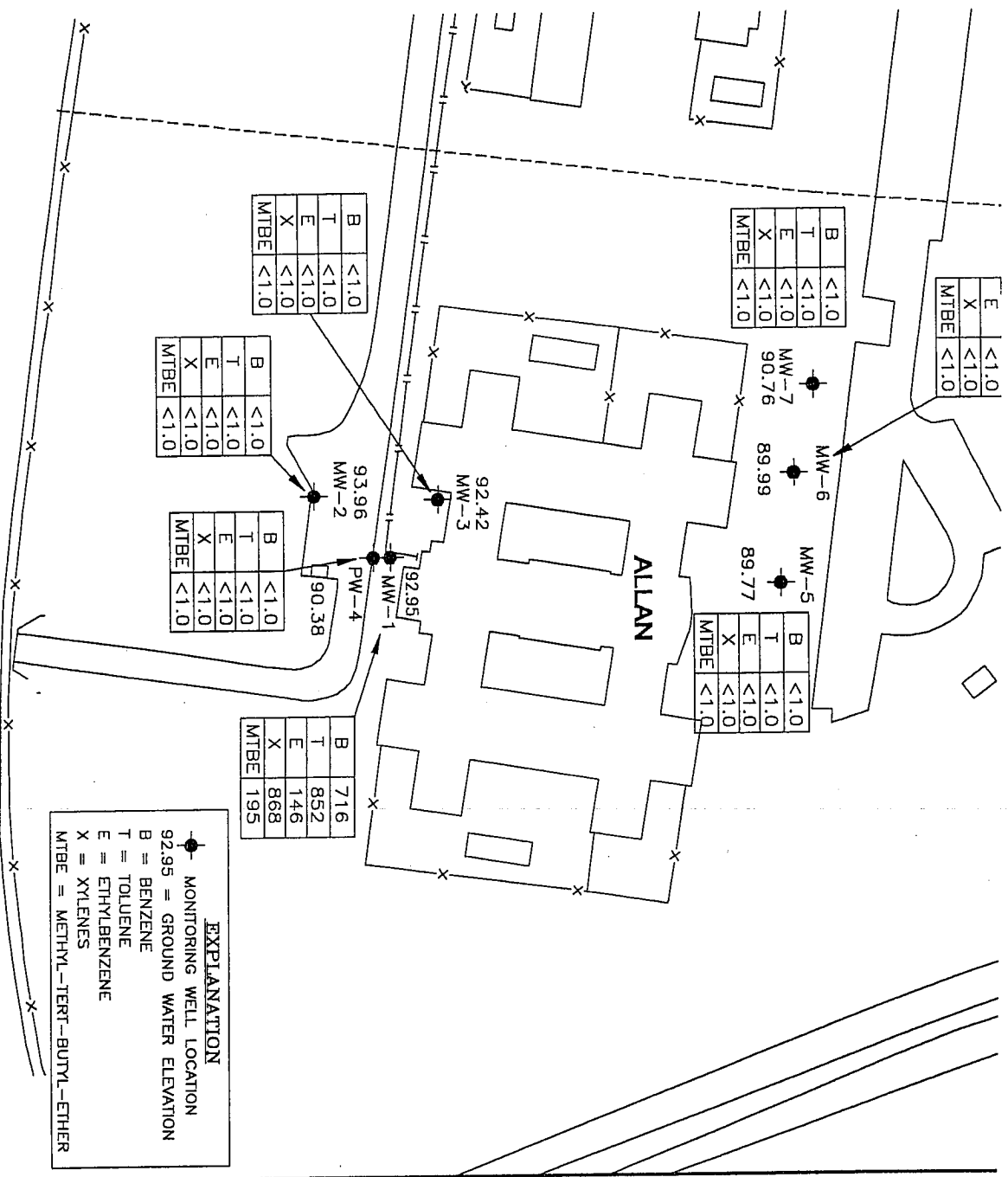
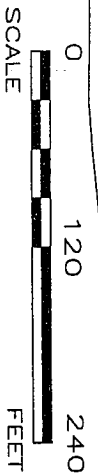
B	<1.0
T	<1.0
E	<1.0
X	<1.0
MTBE	<1.0

B	716
T	852
E	146
X	868
MTBE	195

**EXPLANATION**

● MONITORING WELL LOCATION  
 92.95 = GROUND WATER ELEVATION

B = BENZENE  
 T = TOLUENE  
 E = ETHYLBENZENE  
 X = XYLENES  
 MTBE = METHYL-TERT-BUTYL-ETHER



**Q O R E**  
PROPERTY SCIENCES

**GROUND WATER COG MAP OF THE UPPER ZONE  
 AND LOWER ZONE OF THE SHALLOW WATER TABLE AQUIFER**  
 DEPARTMENT OF MENTAL HEALTH - ALLAN BUILDING  
 2100 BULL STREET  
 SC DHEC NO. 17186  
 COLUMBIA, SC

DWG: 1927ALLH

JOB NO. 1927H	FIGURE 9
DRAWN BY KDN	CHECKED BY GS
SCALE AS SHOWN	DATE 3/16/99

WELL NO.	DATE MEASURED	TOP OF CASING ELEVATION	SCREEN INTERVAL	DEPTH TO GROUND WATER (ftoc)	PRODUCT THICKNESS	GROUND-WATER ELEVATION
MW-1	2/12/99	98.89	7-17	5.94	ND	92.95
MW-2	2/12/99	99.45	3-13	5.49	ND	93.96
MW-3	2/12/99	98.48	3-13	6.06	ND	92.42
MW-5	2/12/99	97.32	4-14	7.55	ND	89.77
MW-6	2/12/99	97.12	4-14	7.13	ND	89.99
MW-7	2/12/99	96.43	4-14	5.67	ND	90.76
MW-8	2/12/99	92.32	4-14	7.71	ND	84.61
PW-4	2/12/99	98.67	30-35	8.29	ND	90.38

Notes:

- 1) Units in feet.
- 2) Subsequent survey performed by QORE Property Sciences personnel.
- 3) Water levels recorded by QORE Property Sciences personnel on February 12, 1999.
- 4) btoe = below top of casing.
- 5) ND = None detected.