

FOR OFFICE USE ONLY			
Quad. No.	Serial No.		
Lat.	Long.	Pc	
Minor Basin			
Basin Code			
Header Ent.		GW-1 Ent.	

## WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR S&ME, Inc.  
 DRILLER REGISTRATION NUMBER 412

STATE WELL CONSTRUCTION  
 PERMIT NUMBER: 00-0361-WM-0130

1. WELL LOCATION: (Show sketch of the location below) MW-1  
 Nearest Town: Mebane  
Trollingwood-Hawfield Road  
 (Road, Community, or Subdivision and Lot No.)
2. OWNER Raymond Jernigan  
 ADDRESS 1342 Trollingwood-Hawfield Road  
Mebane (Street or Route No.)  
NC  
 City or Town State Zip Code
3. DATE DRILLED 1/7/93 USE OF WELL Monitoring
4. TOTAL DEPTH 25.5 CUTTINGS COLLECTED  Yes  No
5. DOES WELL REPLACE EXISTING WELL?  Yes  No
6. STATIC WATER LEVEL: 12.2 FT.  above TOP OF CASING.  
 TOP OF CASING IS 0.3 FT. ABOVE LAND SURFACE.  below
7. YIELD (gpm): N/A METHOD OF TEST \_\_\_\_\_
8. WATER ZONES (depth): \_\_\_\_\_

County: Alamance

Depth		DRILLING LOG
From	To	Formation Description
		<u>See Attached Log</u>

9. CHLORINATION: Type \_\_\_\_\_ Amount \_\_\_\_\_

10. CASING:

From	Depth	To	Diameter	Wall Thickness or Weight/Ft.	Material
<u>23.5</u>		<u>0</u>	<u>4"</u>	<u>Sched. 40</u>	<u>PVC</u>

If additional space is needed use back of form.

11. GROUT:

From	Depth	To	Material	Method
<u>5</u>		<u>3</u>	<u>Neat Cement</u>	<u>Pump</u>

### LOCATION SKETCH

(Show direction and distance from at least two State Roads, or other map reference points)

See Attached Map

12. SCREEN:

From	Depth	To	Diameter	Slot Size	Material
<u>23.5</u>		<u>9</u>	<u>4"</u>	<u>.010 in.</u>	<u>PVC</u>

13. GRAVEL PACK:

From	Depth	To	Size	Material
<u>23.5</u>		<u>7</u>	<u>Fine Filter</u>	<u>Sand</u>

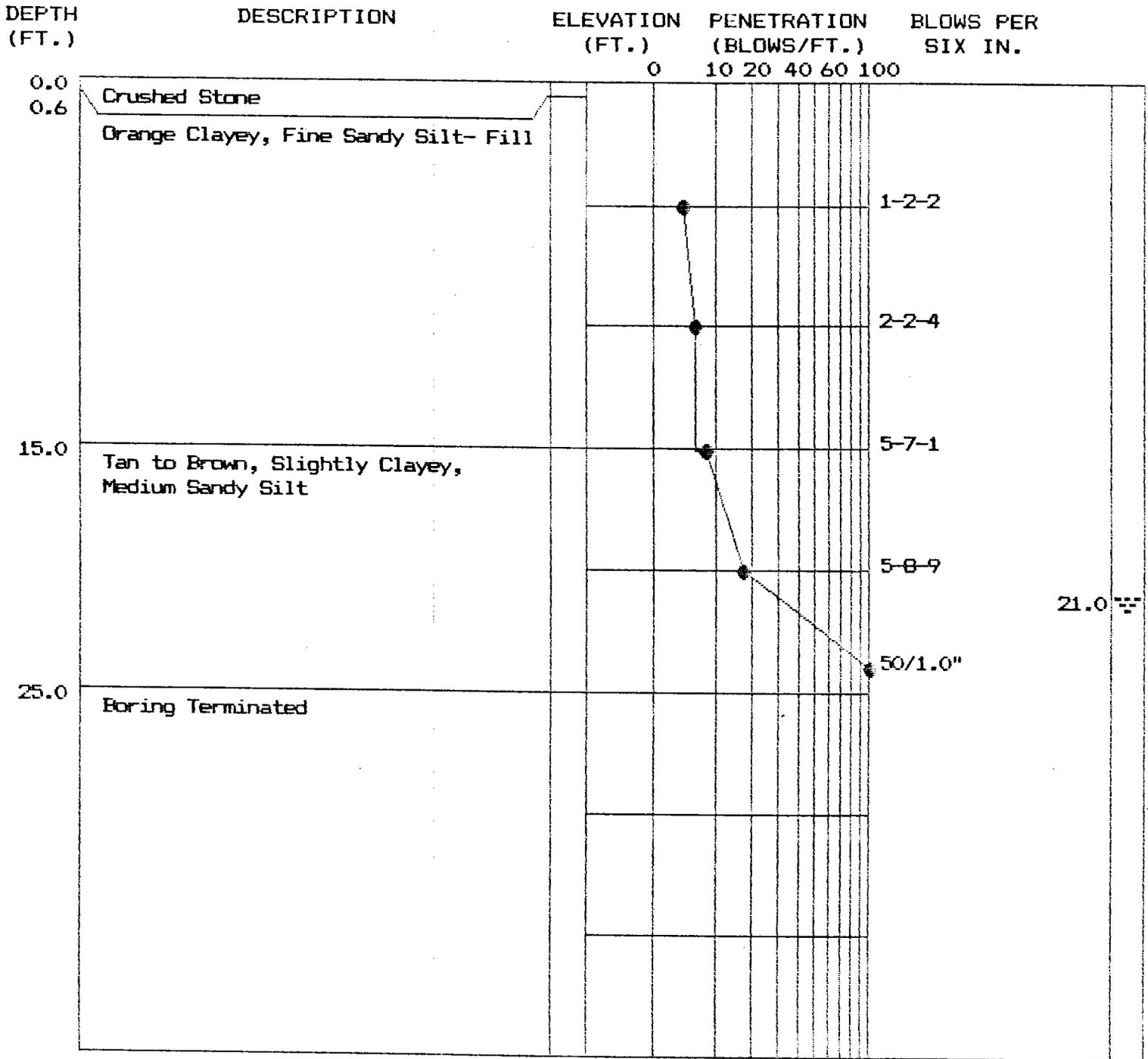
14. REMARKS: \_\_\_\_\_

RECEIVED  
 N.C. Dept. of EHNR  
 JAN 28 1993  
 Winston-Salem  
 Regional Office

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CONTRACTOR OR AGENT \_\_\_\_\_ DATE \_\_\_\_\_  
 Submit original to Division of Environmental Management and copy to well owner.

# TEST BORING RECORD

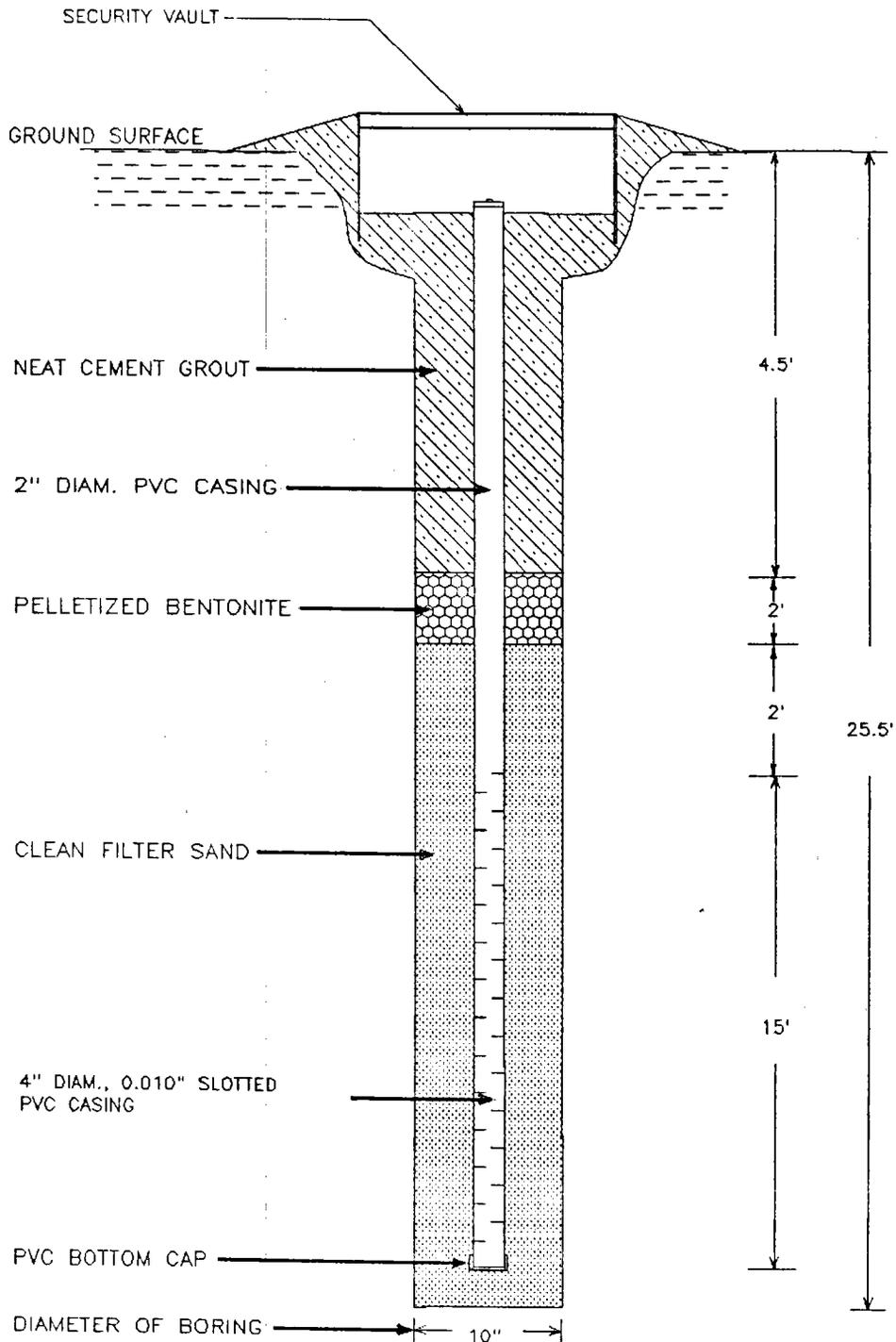


21.0

REFER TO ATTACHED SHEET FOR EXPLANATIONS AND SYMBOLS

JOB NUMBER            1584-92-080  
 BORING NUMBER        MM-1  
 DATE                    01/07/93

S&ME



WELL NO. MW-1

SCREEN SLOT SIZE: 0.01

INSTALLATION DATE: 01/07/93

GROUNDWATER LEVEL: \_\_\_\_\_  
 (DEPTH BELOW GROUND SURFACE)



**S&ME, INC.**  
 GREENSBORO, NORTH CAROLINA

DATE:	APPROVED BY:	DRAWN BY:
		VLR

DRAWING NO.

FOR OFFICE USE ONLY

Quad. No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Pc \_\_\_\_\_  
 Minor Basin \_\_\_\_\_  
 Basin Code \_\_\_\_\_  
 Header Ent. \_\_\_\_\_ GW-1 Ent. \_\_\_\_\_

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR S&ME, Inc.  
 DRILLER REGISTRATION NUMBER 412

STATE WELL CONSTRUCTION  
 PERMIT NUMBER: 00-0361-WM-0130

1. WELL LOCATION: (Show sketch of the location below) MW-2  
 Nearest Town: Mebane

Trollingwood-Hawfield Road  
 (Road, Community, or Subdivision and Lot No.)

2. OWNER Raymond Jernigan

ADDRESS 1342 Trollingwood-Hawfield Road  
 (Street or Route No.)  
Mebane NC  
 City or Town State Zip Code

3. DATE DRILLED 01/07/93 USE OF WELL Monitoring

4. TOTAL DEPTH 25.5 CUTTINGS COLLECTED  Yes  No

5. DOES WELL REPLACE EXISTING WELL?  Yes  No

6. STATIC WATER LEVEL: 14.9 FT.  above TOP OF CASING,  
 below TOP OF CASING IS 0.3 FT. ABOVE LAND SURFACE.

7. YIELD (gpm): N/A METHOD OF TEST \_\_\_\_\_

8. WATER ZONES (depth): \_\_\_\_\_

9. CHLORINATION: Type \_\_\_\_\_ Amount \_\_\_\_\_

10. CASING:

From	Depth	To	Diameter	Wall Thickness or Weight/Ft.	Material
23.5	0	Ft.	4"	Sched. 40	PVC
From _____	To _____	Ft.			
From _____	To _____	Ft.			

11. GROUT:

From	Depth	To	Material	Method
5	3	Ft.	Neat Cement	Pump
From _____	To _____	Ft.		

12. SCREEN:

From	Depth	To	Diameter	Slot Size	Material
23.5	9	Ft.	4"	.010	PVC
From _____	To _____	Ft.			
From _____	To _____	Ft.			

13. GRAVEL PACK:

From	Depth	To	Size	Material
23.5	7	Ft.	Fine Filter	Sand
From _____	To _____	Ft.		

14. REMARKS: \_\_\_\_\_

County: Alamance

Depth		DRILLING LOG Formation Description
From	To	
		See Attached Log

If additional space is needed use back of form.

LOCATION SKETCH

(Show direction and distance from at least two State Roads, or other map reference points)

See Attached Map

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CONTRACTOR OR AGENT \_\_\_\_\_

DATE \_\_\_\_\_

Submit original to Division of Environmental Management and copy to well owner.

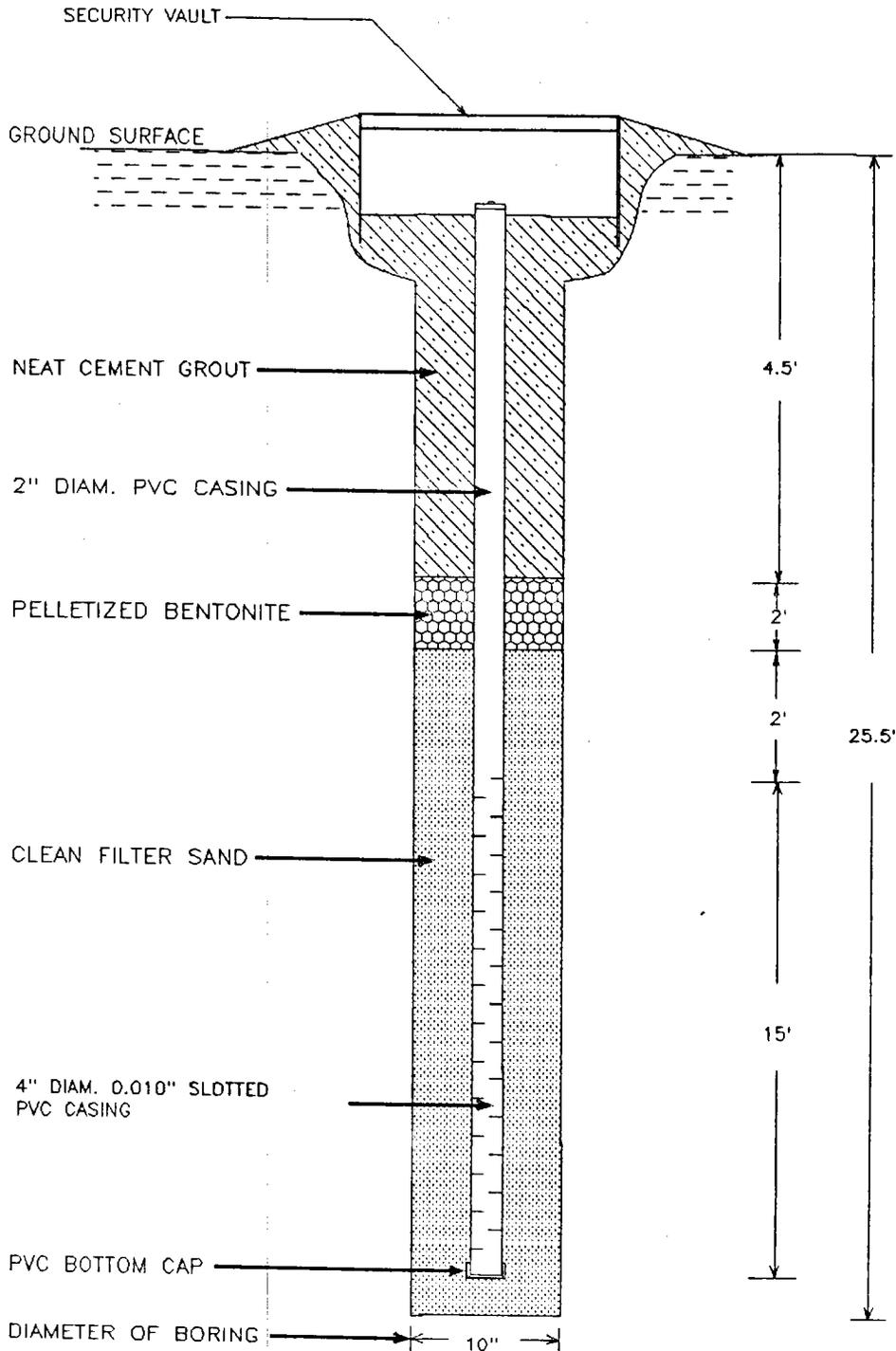
# TEST BORING RECORD

DEPTH (FT.)	DESCRIPTION	ELEVATION	PENETRATION	BLOWS PER
		(FT.)	(BLOWS/FT.)	SIX IN.
0.0 0.6	Crushed Stone Red Clayey, Fine Sandy Silt- Fill	0	10 20 40 60 100	
				3-4-4
				3-2-4
14.5	Red and Black, Slightly Clayey, Fine Sandy Silt- Residium			4-6-9
				4-9-9
24.7 25.5	Tan-Black, Clayey Fine Sandy Silt Boring Terminated			8-9-14
				22.0

REFER TO ATTACHED SHEET FOR EXPLANATIONS AND SYMBOLS

JOB NUMBER            1584-92-080  
 BORING NUMBER        RM-2  
 DATE                    01/07/93

**S&ME**



WELL NO. MW-2

SCREEN SLOT SIZE: 0.01

INSTALLATION DATE: 01/07/93

GROUNDWATER LEVEL: \_\_\_\_\_

(DEPTH BELOW GROUND SURFACE)

 <h2 style="margin: 0;">S&amp;ME, INC.</h2> <p style="margin: 0;">GREENSBORO, NORTH CAROLINA</p>		
DATE:	APPROVED BY:	DRAWN BY:
		VLR
		DRAWING NO.

FOR OFFICE USE ONLY	
Quad. No. _____	Serial No. _____
Lat. _____	Long. _____ Pc _____
Minor Basin _____	
Basin Code _____	
Header Ent. _____	GW-1 Ent. _____

## WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR S&ME, Inc.

DRILLER REGISTRATION NUMBER 412

STATE WELL CONSTRUCTION PERMIT NUMBER: 00-0361-WM-0130

1. WELL LOCATION: (Show sketch of the location below) MW-3

Nearest Town: MeBane  
Trollingwood-Hawfield Road  
 (Road, Community, or Subdivision and Lot No.)

County: Alamance

2. OWNER Raymond Jernigan

ADDRESS 1342 Trollingwood-Hawfield Road  
 (Street or Route No.)  
Mebane NC  
 City or Town State Zip Code

Depth		DRILLING LOG
From	To	Formation Description
		<u>See Attached Log</u>

3. DATE DRILLED 01/11/93 USE OF WELL Monitoring

4. TOTAL DEPTH 25.5 CUTTINGS COLLECTED  Yes  No

5. DOES WELL REPLACE EXISTING WELL?  Yes  No

6. STATIC WATER LEVEL: 16.2 FT.  above TOP OF CASING,  
 TOP OF CASING IS 0.3 FT. ABOVE LAND SURFACE.  below

7. YIELD (gpm): N/A METHOD OF TEST \_\_\_\_\_

8. WATER ZONES (depth): \_\_\_\_\_

9. CHLORINATION: Type \_\_\_\_\_ Amount \_\_\_\_\_

10. CASING:

From	Depth	To	Diameter	Wall Thickness or Weight/Ft.	Material
<u>23.5</u>		<u>0</u>	<u>4"</u>	<u>Sched. 40</u>	<u>PVC</u>
From _____	To _____	Ft. _____	_____	_____	_____
From _____	To _____	Ft. _____	_____	_____	_____

If additional space is needed use back of form.

### LOCATION SKETCH

(Show direction and distance from at least two State Roads, or other map reference points)

See Attached Map

11. GROUT:

From	Depth	To	Material	Method
<u>5</u>		<u>3</u>	<u>Neat Cement</u>	<u>Pump</u>
From _____	To _____	Ft. _____	_____	_____
From _____	To _____	Ft. _____	_____	_____

12. SCREEN:

From	Depth	To	Diameter	Slot Size	Material
<u>23.5</u>		<u>9</u>	<u>4"</u>	<u>.010</u>	<u>PVC</u>
From _____	To _____	Ft. _____	_____	_____	_____
From _____	To _____	Ft. _____	_____	_____	_____
From _____	To _____	Ft. _____	_____	_____	_____

13. GRAVEL PACK:

From	Depth	To	Size	Material
<u>23.5</u>		<u>7</u>	<u>Fine Filter</u>	<u>Sand</u>
From _____	To _____	Ft. _____	_____	_____
From _____	To _____	Ft. _____	_____	_____

14. REMARKS: \_\_\_\_\_

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 20, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CONTRACTOR OR AGENT \_\_\_\_\_ DATE \_\_\_\_\_  
 Submit original to Division of Environmental Management and copy to well owner.

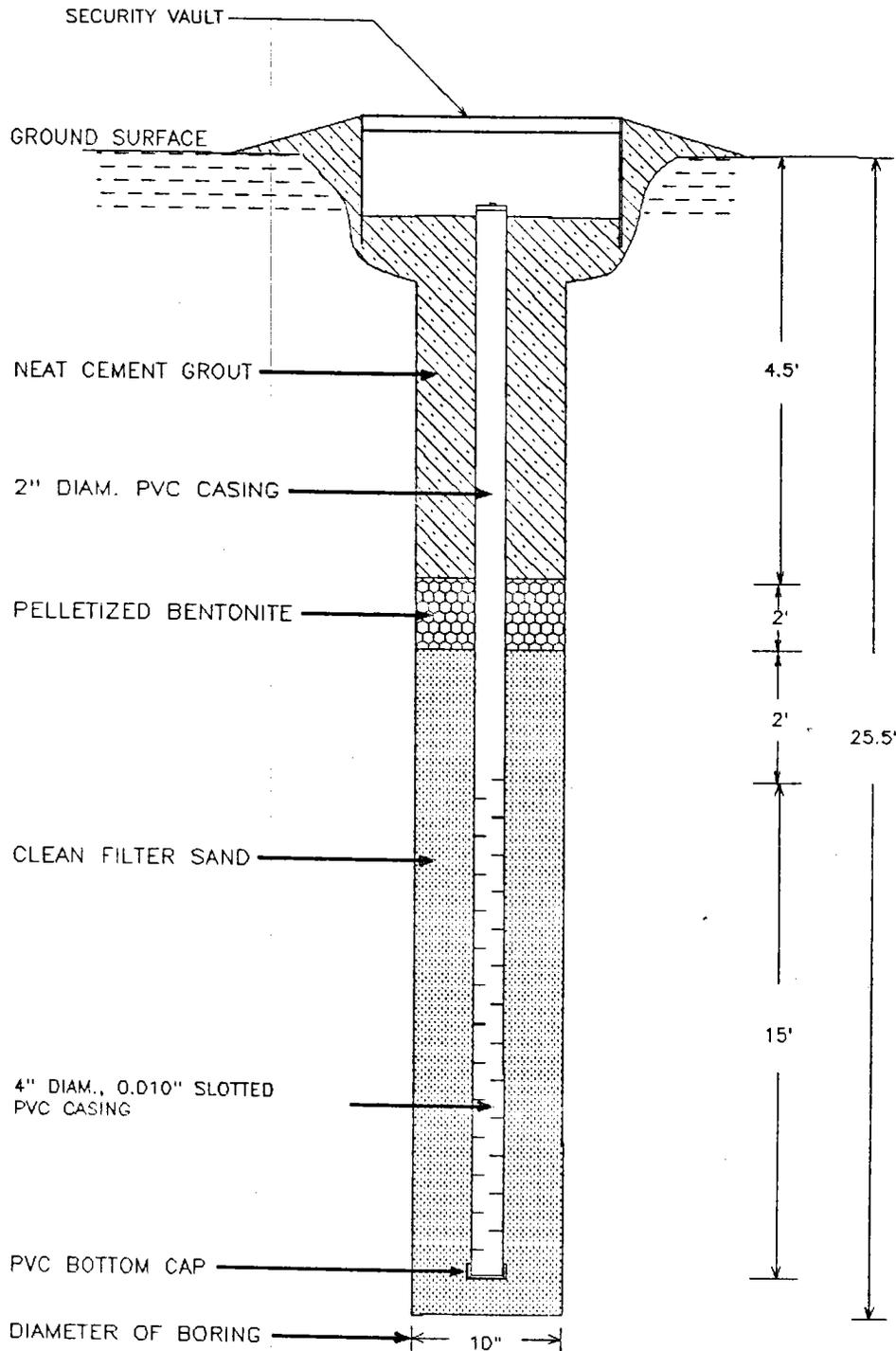
# TEST BORING RECORD

DEPTH (FT.)	DESCRIPTION	ELEVATION (FT.)	PENETRATION (BLOWS/FT.)					BLOWS PER SIX IN.
		0	10	20	40	60	100	
0.0 0.6	Crushed Stone							
	Brown, Medium to Fine Sandy Silt-Fill							
14.9	Brown and Black Fine Sandy Silt							
25.5	Boring Terminated  Split-Spoon Pushed Due to Wet Conditions							23.0

REFER TO ATTACHED SHEET FOR EXPLANATIONS AND SYMBOLS

JOB NUMBER            1584-92-080  
 BORING NUMBER        MB-3  
 DATE                    01/11/93

**S&ME**



WELL NO. MW-3

SCREEN SLOT SIZE: 0.01

INSTALLATION DATE: 01/11/93

GROUNDWATER LEVEL: \_\_\_\_\_  
(DEPTH BELOW GROUND SURFACE)

 <p><b>S&amp;ME, INC.</b> GREENSBORO, NORTH CAROLINA</p>		
DATE:	APPROVED BY:	DRAWN BY:
		VLR
		DRAWING NO.

FOR OFFICE USE ONLY

Quad. No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Pc \_\_\_\_\_  
 Minor Basin \_\_\_\_\_  
 Basin Code \_\_\_\_\_  
 Header Ent. \_\_\_\_\_ GW-1 Ent. \_\_\_\_\_

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR S&ME, Inc.  
 DRILLER REGISTRATION NUMBER 412

STATE WELL CONSTRUCTION PERMIT NUMBER: 00-0361-WM-0130

1. WELL LOCATION: (Show sketch of the location below) MW-4

Nearest Town: Mebane  
Trollingwood-Hawfield Road  
 (Road, Community, or Subdivision and Lot No.)

County: Alamance

2. OWNER Ray Jernigan

ADDRESS 1342 Trollingwood-Hawfield Road  
 (Street or Route No.)  
Mebane NC  
 City or Town State Zip Code

Depth		DRILLING LOG Formation Description
From	To	
		See Attached Log

3. DATE DRILLED 01/11/93 USE OF WELL Monitoring

4. TOTAL DEPTH 25.5 CUTTINGS COLLECTED  Yes  No

5. DOES WELL REPLACE EXISTING WELL?  Yes  No

6. STATIC WATER LEVEL: \_\_\_\_\_ FT.  above TOP OF CASING,  
 below TOP OF CASING IS 0.3 FT. ABOVE LAND SURFACE.

7. YIELD (gpm): N/A METHOD OF TEST \_\_\_\_\_

8. WATER ZONES (depth): \_\_\_\_\_

9. CHLORINATION: Type \_\_\_\_\_ Amount \_\_\_\_\_

10. CASING:

From	Depth	To	Diameter	Wall Thickness or Weight/Ft.	Material
	<u>23.5</u>	<u>0</u>	<u>4"</u>	<u>Sched. 40</u>	<u>PVC</u>

If additional space is needed use back of form.

11. GROUT:

From	Depth	To	Material	Method
	<u>5</u>	<u>3</u>	<u>Neat Cement</u>	<u>Pump</u>

LOCATION SKETCH

(Show direction and distance from at least two State Roads, or other map reference points)

See Attached Map

12. SCREEN:

From	Depth	To	Diameter	Slot Size	Material
	<u>23.5</u>	<u>9</u>	<u>4"</u>	<u>.010 in.</u>	<u>PVC</u>

13. GRAVEL PACK:

From	Depth	To	Size	Material
	<u>23.5</u>	<u>7</u>	<u>Fine Filter</u>	<u>Sand</u>

14. REMARKS: \_\_\_\_\_

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CONTRACTOR OR AGENT \_\_\_\_\_ DATE \_\_\_\_\_  
 Submit original to Division of Environmental Management and copy to well owner.

# TEST BORING RECORD

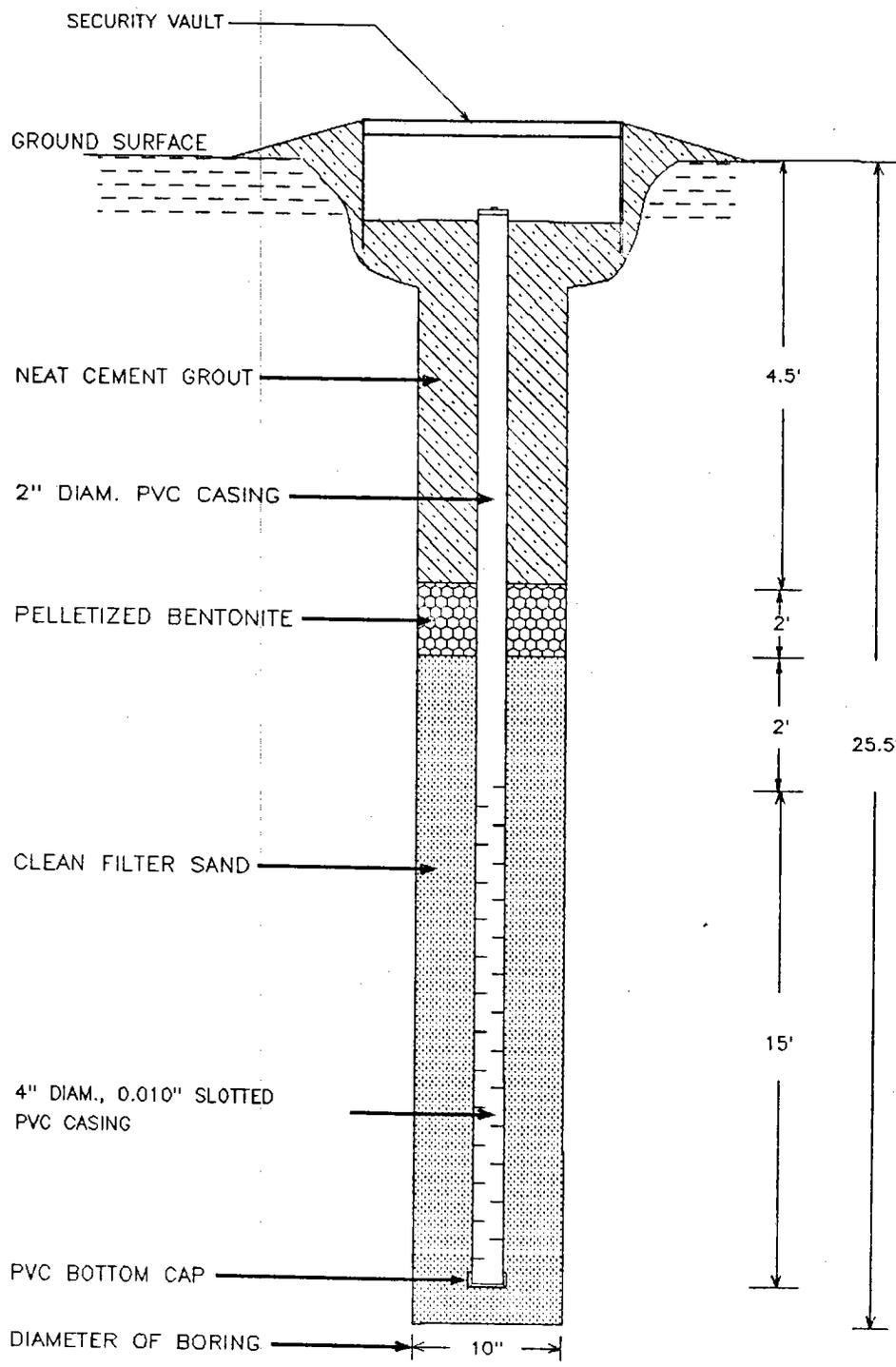
DEPTH (FT.)	DESCRIPTION	ELEVATION (FT.)	PENETRATION (BLOWS/FT.)					BLOWS PER SIX IN.
			0	10	20	40	60	
0.0 0.6	Crushed Stone							
	Brown, Medium to Fine Sandy Silt-Fill							
9.0	Orange to Tan, Fine Sandy Silt-Residuum							
25.5	Boring Terminated  Split-Spoon Pushed Due to Wet Conditions							

23.0

REFER TO ATTACHED SHEET FOR EXPLANATIONS AND SYMBOLS

JOB NUMBER            1584-92-080  
 BORING NUMBER       MW-4  
 DATE                    01/11/93

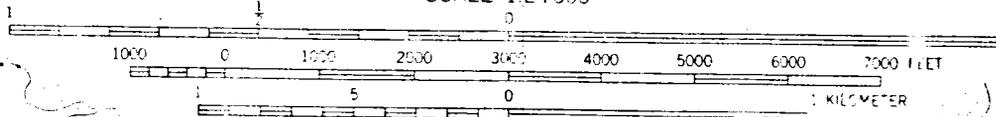
S&ME



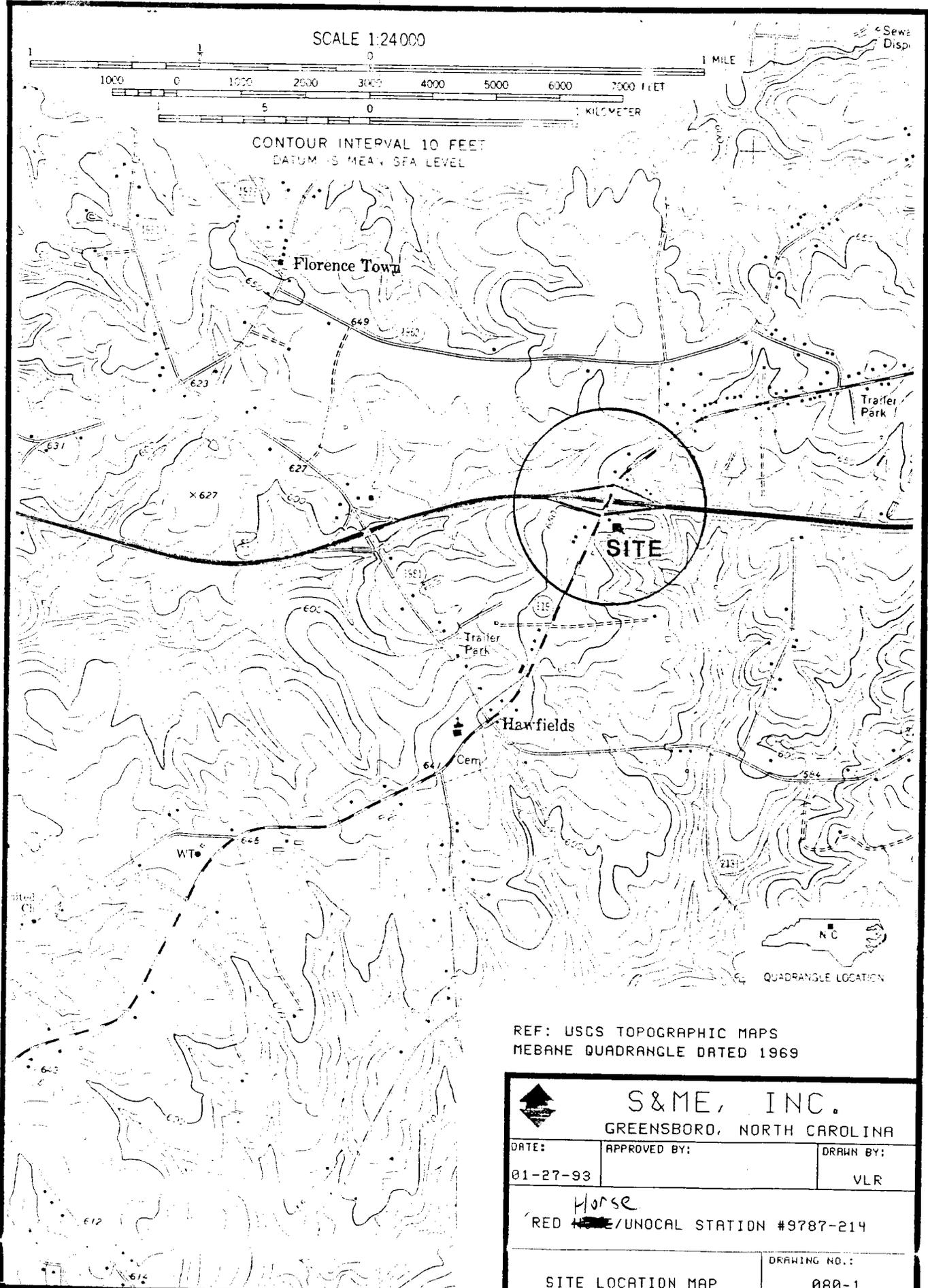
WELL NO.     MW-4      
 SCREEN SLOT SIZE:     0.01      
 INSTALLATION DATE:     01/11/93      
 GROUNDWATER LEVEL: \_\_\_\_\_  
 (DEPTH BELOW GROUND SURFACE)

 <b>S&amp;ME, INC.</b> GREENSBORO, NORTH CAROLINA		
DATE:	APPROVED BY:	DRAWN BY:
		VLR
		DRAWING NO.

SCALE 1:24,000



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL



REF: USGS TOPOGRAPHIC MAPS  
MEBANE QUADRANGLE DATED 1969

 <p><b>S&amp;ME, INC.</b> GREENSBORO, NORTH CAROLINA</p>		
DATE: 01-27-93	APPROVED BY:	DRAWN BY: VLR
<p><i>Horse</i> RED <del>LINE</del>/UNOCAL STATION #9787-214</p>		
SITE LOCATION MAP		DRAWING NO.: 080-1