

# APPENDIX C

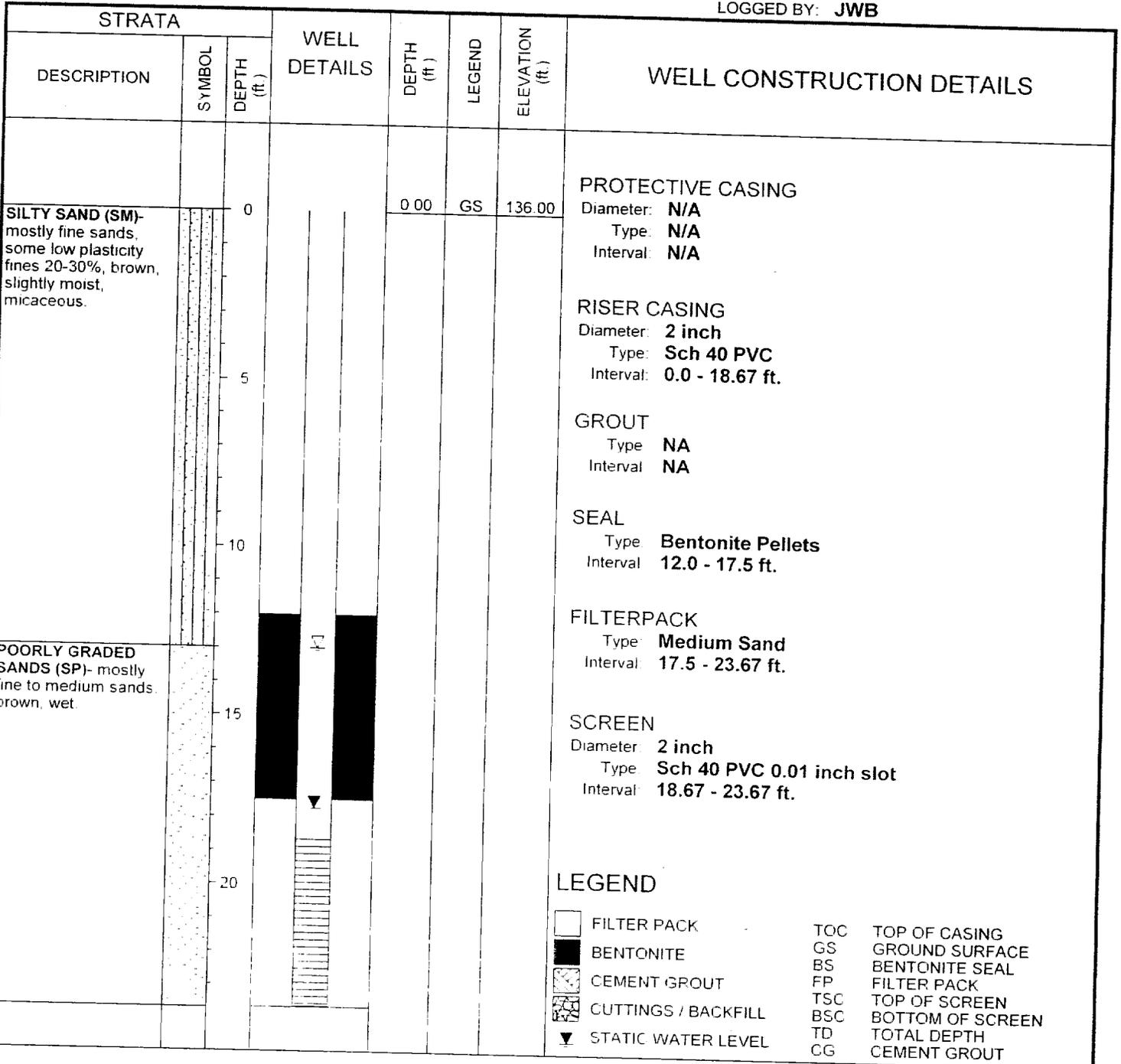
# COMPLETION REPORT OF WELL No. B102A

PROJECT: Congaree Levee  
 PROJECT NO: 1611-00-937  
 PROJECT LOCATION: Columbia, South Carolina

WATER LEVEL: 13 feet at time of boring,  
 17.75 feet on 10/17/00.

DRILLING CONTRACTOR:  
 DRILLING METHOD: 4 1/4" H.S.A.  
 DATE DRILLED: 10/5/00

LATITUDE  
 LONGITUDE  
 TOP OF CASING ELEVATION: 136.00  
 DATUM: MSL  
 LOGGED BY: JWB



MONITORING WELL 00-117A (SP) S&ME GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

**COMPLETION REPORT OF  
 WELL No. B102A**

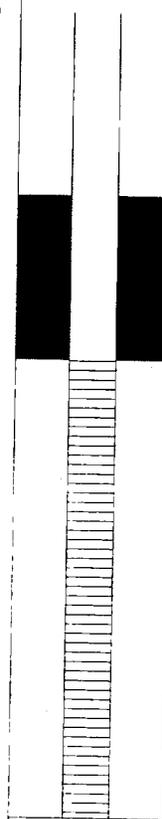
# COMPLETION REPORT OF WELL No. B102B

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL: **Dry at time of boring. Dry on 10/6/00.**

DRILLING CONTRACTOR:  
 DRILLING METHOD: **4 1/4" H.S.A.**  
 DATE DRILLED: **10/5/00**

LATITUDE:  
 LONGITUDE:  
 TOP OF CASING ELEVATION: **137.10**  
 DATUM: **MSL**  
 LOGGED BY: **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS																												
DESCRIPTION	SYMBOL	DEPTH (ft.)																																	
<p><b>SILTY SAND (SM)</b>- mostly fine sands, some low plasticity fines 20-30%, brown, slightly moist, micaceous</p>		0		0.00	GS	136.00	<p><b>PROTECTIVE CASING</b>                      Diameter: <b>N/A</b>                      Type: <b>N/A</b>                      Interval: <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC</b>                      Interval: <b>-1.1 - 3.8 ft.</b></p> <p><b>GROUT</b>                      Type: <b>NA</b>                      Interval: <b>NA</b></p> <p><b>SEAL</b>                      Type: <b>Bentonite Pellets</b>                      Interval: <b>2 - 3.8 ft.</b></p> <p><b>FILTERPACK</b>                      Type: <b>Medium Sand</b>                      Interval: <b>3.8 - 8.8 ft.</b></p> <p><b>SCREEN</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC 0.01 inch slot</b>                      Interval: <b>3.8 - 8.8 ft.</b></p> <p><b>LEGEND</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <table border="0"> <tr><td></td><td>FILTER PACK</td></tr> <tr><td></td><td>BENTONITE</td></tr> <tr><td></td><td>CEMENT GROUT</td></tr> <tr><td></td><td>CUTTINGS / BACKFILL</td></tr> <tr><td></td><td>STATIC WATER LEVEL</td></tr> </table> </td> <td style="width: 50%; vertical-align: top;"> <table border="0"> <tr><td>TOC</td><td>TOP OF CASING</td></tr> <tr><td>GS</td><td>GROUND SURFACE</td></tr> <tr><td>BS</td><td>BENTONITE SEAL</td></tr> <tr><td>FP</td><td>FILTER PACK</td></tr> <tr><td>TSC</td><td>TOP OF SCREEN</td></tr> <tr><td>BSC</td><td>BOTTOM OF SCREEN</td></tr> <tr><td>TD</td><td>TOTAL DEPTH</td></tr> <tr><td>CG</td><td>CEMENT GROUT</td></tr> </table> </td> </tr> </table>	<table border="0"> <tr><td></td><td>FILTER PACK</td></tr> <tr><td></td><td>BENTONITE</td></tr> <tr><td></td><td>CEMENT GROUT</td></tr> <tr><td></td><td>CUTTINGS / BACKFILL</td></tr> <tr><td></td><td>STATIC WATER LEVEL</td></tr> </table>		FILTER PACK		BENTONITE		CEMENT GROUT		CUTTINGS / BACKFILL		STATIC WATER LEVEL	<table border="0"> <tr><td>TOC</td><td>TOP OF CASING</td></tr> <tr><td>GS</td><td>GROUND SURFACE</td></tr> <tr><td>BS</td><td>BENTONITE SEAL</td></tr> <tr><td>FP</td><td>FILTER PACK</td></tr> <tr><td>TSC</td><td>TOP OF SCREEN</td></tr> <tr><td>BSC</td><td>BOTTOM OF SCREEN</td></tr> <tr><td>TD</td><td>TOTAL DEPTH</td></tr> <tr><td>CG</td><td>CEMENT GROUT</td></tr> </table>	TOC	TOP OF CASING	GS	GROUND SURFACE	BS	BENTONITE SEAL	FP	FILTER PACK	TSC	TOP OF SCREEN	BSC	BOTTOM OF SCREEN	TD	TOTAL DEPTH	CG	CEMENT GROUT
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MCH:DRILLING:WELL:10:05:TA:GPI:58ME:GOT:10:25:00



134 Suber Road  
 Columbia, SC 29210

## COMPLETION REPORT OF WELL No. B102B

# COMPLETION REPORT OF WELL No. B126A

Sheet 1 of 1

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL: **Dry at time of boring. Dry on 10/12/00.**

DRILLING CONTRACTOR:

LATITUDE:

DRILLING METHOD: **4 1/4" H.S.A.**

LONGITUDE:

DATE DRILLED: **10/3/00**

TOP OF CASING ELEVATION **140.40**

DATUM **MSL**

LOGGED BY **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS		
DESCRIPTION	SYMBOL	DEPTH (ft.)							
<p><b>LEAN CLAY WITH SAND (CL)</b>- mostly low to medium plasticity fines, some fine sands, brown, moist, micaceous</p>		0		0.00	GS	140.00	<p><b>PROTECTIVE CASING</b>                      Diameter <b>N/A</b>                      Type <b>N/A</b>                      Interval <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter <b>2 inch</b>                      Type <b>Sch 40 PVC</b>                      Interval <b>-0.4 - 1.5 ft.</b></p> <p><b>GROUT</b>                      Type <b>NA</b>                      Interval <b>NA</b></p> <p><b>SEAL</b>                      Type <b>Bentonite Pellets</b>                      Interval <b>0.1 - 1.5 ft.</b></p> <p><b>FILTERPACK</b>                      Type <b>Medium Sand</b>                      Interval <b>1.5 - 6.5 ft.</b></p> <p><b>SCREEN</b>                      Diameter <b>2 inch</b>                      Type <b>Sch 40 PVC 0.01 inch slot</b>                      Interval <b>1.5 - 6.5 ft.</b></p>		
<p><b>SILTY SAND (SM)</b>- mostly fine sands, some low plasticity fines, light brown, moist, micaceous.</p>		5					<p><b>LEGEND</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul>	<ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul>
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MONITORING WELL 00-937A-GPJ-SCME-GDT-10/25/00



134 Suber Road  
 Columbia, SC 29210

**COMPLETION REPORT OF  
 WELL No. B126A**

Sheet 1 of 1

# COMPLETION REPORT OF WELL No. B126B

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL **7.5 feet at time of boring, Dry on 10/12/00.**

DRILLING CONTRACTOR:

LATITUDE

LONGITUDE

DRILLING METHOD: **4 1/4" H.S.A.**

TOP OF CASING ELEVATION: **122.30**

DATE DRILLED: **10/4/00**

DATUM: **MSL**

LOGGED BY: **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS		
DESCRIPTION	SYMBOL	DEPTH (ft.)							
<p><b>LEAN CLAY WITH SAND (CL)</b>- mostly low to medium plasticity fines, some fine sands 20-30%, brown, moist to very moist, micaceous, grades to sandy silt</p>		0		0.00	GS	118.00	<p><b>PROTECTIVE CASING</b>                      Diameter: <b>N/A</b>                      Type: <b>N/A</b>                      Interval: <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC</b>                      Interval: <b>-4.25 - 0.9 ft.</b></p> <p><b>GROUT</b>                      Type: <b>NA</b>                      Interval: <b>NA</b></p> <p><b>SEAL</b>                      Type: <b>Bentonite Pellets</b>                      Interval: <b>0 - 0.9 ft.</b></p> <p><b>FILTERPACK</b>                      Type: <b>Medium Sand</b>                      Interval: <b>0.9 - 5.9 ft.</b></p> <p><b>SCREEN</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC 0.01 inch slot</b>                      Interval: <b>0.9 - 5.9 ft.</b></p>		
<p><b>POORLY GRADED SAND (SP)</b>- mostly fine to coarse sand, wet, mottled brown</p>		5					<p><b>LEGEND</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul>	<ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul>
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MONITORING WELL 00-037A GPJ S&ME GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

## COMPLETION REPORT OF WELL No. B126B

# COMPLETION REPORT OF WELL No. B127A

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL **Dry at time of boring. Dry on 10/13/00.**

DRILLING CONTRACTOR:

LATITUDE

DRILLING METHOD: **4 1/4" H.S.A.**

LONGITUDE

DATE DRILLED: **10/3/00**

TOP OF CASING ELEVATION: **144.50**

DATUM: **MSL**

LOGGED BY: **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS
DESCRIPTION	SYMBOL	DEPTH (ft.)					
<p><b>SANDY LEAN CLAY (CL)</b>- mostly low to medium plasticity fines, some fine sands 35-50%, brown, moist, micaceous.</p>		0		0.00	GS	144.00	<p><b>PROTECTIVE CASING</b>                      Diameter: <b>N/A</b>                      Type: <b>N/A</b>                      Interval: <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC</b>                      Interval: <b>-.5 - 16.05 ft.</b></p> <p><b>GROUT</b>                      Type: <b>NA</b>                      Interval: <b>NA</b></p> <p><b>SEAL</b>                      Type: <b>Bentonite Pellets</b>                      Interval: <b>12.8 - 16.05 ft.</b></p> <p><b>FILTERPACK</b>                      Type: <b>Medium Sand</b>                      Interval: <b>16.05 - 21.05 ft.</b></p> <p><b>SCREEN</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC 0.01 inch slot</b>                      Interval: <b>16.05 - 21.05 ft.</b></p>
<p><b>SILTY SAND (SM)</b>- mostly fine sands, some low plasticity fines, reddish brown, slightly moist, micaceous, commonly grades to silty sand (Fill)</p>		5					
<p><b>SILTY SAND (SM)</b>- mostly fine sands, some low plasticity fines, light brown, slightly moist to dry micaceous.</p>		15					
<p><b>SANDY SILT (SL)</b>- mostly fine silts, some low plasticity fines, light brown, slightly moist to dry micaceous.</p>		20					

**LEGEND**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul> | <ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul> |
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MONITORING WELL 00-937A GPJ S&ME GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

**COMPLETION REPORT OF  
 WELL No. B127A**



# COMPLETION REPORT OF WELL No. B141B

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL **Dry at time of boring. Dry on 10/13/00.**

DRILLING CONTRACTOR:  
 DRILLING METHOD: **4 1/4" H.S.A.**  
 DATE DRILLED: **10/3/00**

LATITUDE:  
 LONGITUDE:  
 TOP OF CASING ELEVATION: **148.00**  
 DATUM: **MSL**  
 LOGGED BY: **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS	
DESCRIPTION	SYMBOL	DEPTH (ft.)						
<p><b>SILTY SAND (SM)</b>- mostly fine sand, some low plasticity fines, brown, slightly moist, micaceous.</p>		0	0 00	GS	148.00	<p><b>PROTECTIVE CASING</b>                      Diameter: <b>N/A</b>                      Type: <b>N/A</b>                      Interval: <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC</b>                      Interval: <b>0 - 17.4 ft.</b></p> <p><b>GROUT</b>                      Type: <b>NA</b>                      Interval: <b>NA</b></p> <p><b>SEAL</b>                      Type: <b>Bentonite Pellets</b>                      Interval: <b>13.5 - 17.4 ft.</b></p> <p><b>FILTERPACK</b>                      Type: <b>Medium Sand</b>                      Interval: <b>17.4 - 22.4 ft.</b></p> <p><b>SCREEN</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC 0.01 inch slot</b>                      Interval: <b>17.4 - 22.4 ft.</b></p>		
	  	5 10 15 20				<p><b>LEGEND</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACK.FILL</li> <li> STATIC WATER LEVEL</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACK.FILL</li> <li> STATIC WATER LEVEL</li> </ul>	<ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul>
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MONITORING WELL 00-037A GPJ S&ME G0T 10/25/00



134 Suber Road  
 Columbia, SC 29210

## COMPLETION REPORT OF WELL No. B141B

# COMPLETION REPORT OF WELL No. B240A

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL: **Dry at time of boring. Dry on 10/16/00.**

DRILLING CONTRACTOR  
 DRILLING METHOD **4 1/4" H.S.A.**  
 DATE DRILLED **10/4/00**

LATITUDE:  
 LONGITUDE:  
 TOP OF CASING ELEVATION: **134.00**  
 DATUM: **MSL**  
 LOGGED BY: **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS																																								
DESCRIPTION	SYMBOL	DEPTH (ft.)																																													
<p><b>LEAN CLAY (CL)</b>-                      mostly low to medium plasticity fines, some fine sands 15-25%, moist to slightly moist, grades to silt commonly, occasional silty sand lenses.</p>		0		0.00	GS	134.00	<p><b>PROTECTIVE CASING</b>                      Diameter <b>N/A</b>                      Type <b>N/A</b>                      Interval <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter <b>2 inch</b>                      Type <b>Sch 40 PVC</b>                      Interval <b>0 - 4.5 ft.</b></p> <p><b>GROUT</b>                      Type <b>NA</b>                      Interval <b>NA</b></p> <p><b>SEAL</b>                      Type <b>Bentonite Pellets</b>                      Interval <b>2.8 - 4.5 ft.</b></p> <p><b>FILTERPACK</b>                      Type <b>Medium Sand</b>                      Interval <b>4.5 - 9.5 ft.</b></p> <p><b>SCREEN</b>                      Diameter <b>2 inch</b>                      Type <b>Sch 40 PVC 0.01 inch slot</b>                      Interval <b>4.5 - 9.5 ft.</b></p>																																								
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MONITORING WELL 00-337A-GP.J S&ME GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

## COMPLETION REPORT OF WELL No. B240A

# COMPLETION REPORT OF WELL No. B240B

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL **21 feet at time of boring, 18.1 feet on 10/16/00.**

DRILLING CONTRACTOR:

LATITUDE

DRILLING METHOD: **4 1/4" H.S.A.**

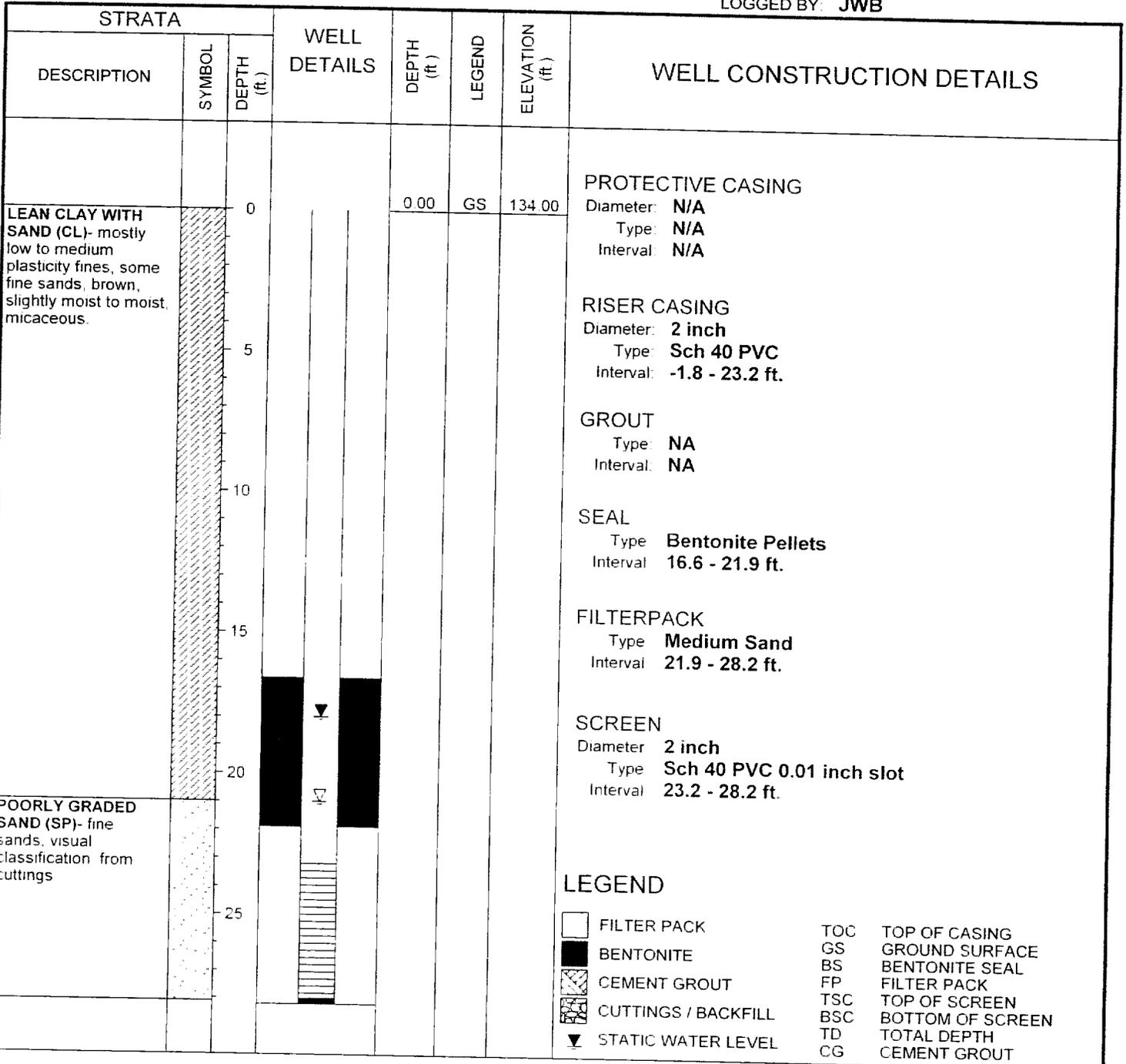
LONGITUDE

DATE DRILLED: **10/4/00**

TOP OF CASING ELEVATION: **135.80**

DATUM: **MSL**

LOGGED BY: **JWB**



MONITORING WELL - DATA (SPT) SAME GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

**COMPLETION REPORT OF WELL No. B240B**

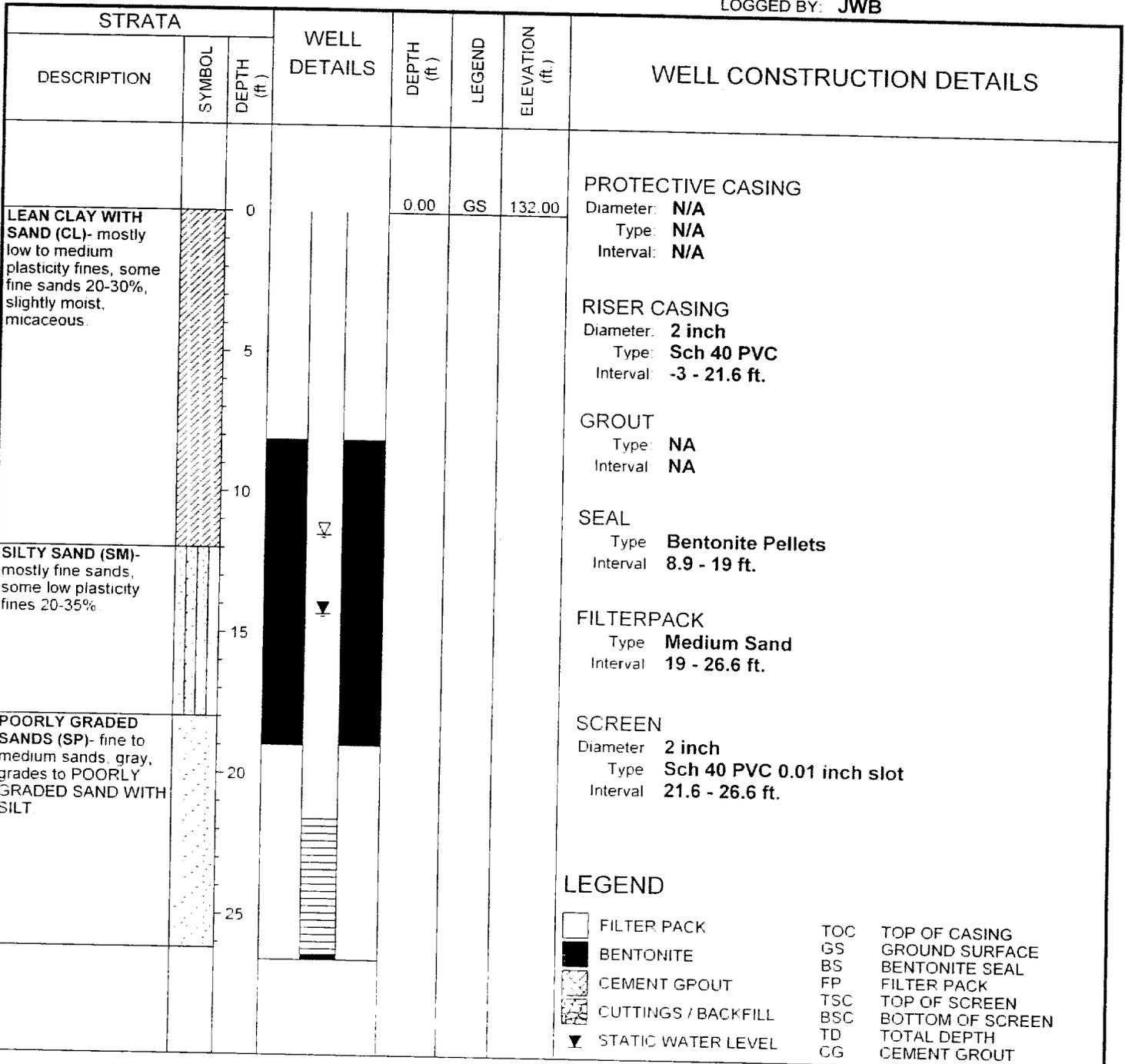
# COMPLETION REPORT OF WELL No. B253A

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL **11.5 feet at time of boring,**  
**14.3 feet on 10/14/00.**

DRILLING CONTRACTOR:  
 DRILLING METHOD: **4 1/4" H.S.A.**  
 DATE DRILLED: **10/5/00**

LATITUDE:  
 LONGITUDE:  
 TOP OF CASING ELEVATION: **135.00**  
 DATUM: **MSL**  
 LOGGED BY: **JWB**



MONITORING WELL 00-B-04-GPJ-S&ME-GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

## COMPLETION REPORT OF WELL No. B253A

# COMPLETION REPORT OF WELL No. B253B

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL: **11.5 feet at time of boring, 14 feet on 10/14/00.**

DRILLING CONTRACTOR:  
 DRILLING METHOD: **4 1/4" H.S.A.**  
 DATE DRILLED: **10/5/00**

LATITUDE:  
 LONGITUDE:  
 TOP OF CASING ELEVATION: **134.30**  
 DATUM: **MSL**  
 LOGGED BY: **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS		
DESCRIPTION	SYMBOL	DEPTH (ft.)							
<p><b>LEAN CLAY WITH SAND (CL)</b>- mostly low to medium plasticity fines, some fine sands 20-30% slightly moist, micaceous.</p>		0		0 00	GS	132 00	<p><b>PROTECTIVE CASING</b>                      Diameter: <b>N/A</b>                      Type: <b>N/A</b>                      Interval: <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC</b>                      Interval: <b>-2.25 -12.9 ft.</b></p> <p><b>GROUT</b>                      Type: <b>NA</b>                      Interval: <b>NA</b></p> <p><b>SEAL</b>                      Type: <b>Bentonite Pellets</b>                      Interval: <b>7.9 - 12.9 ft.</b></p> <p><b>FILTERPACK</b>                      Type: <b>Medium Sand</b>                      Interval: <b>12.9 - 17.9 ft.</b></p> <p><b>SCREEN</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC 0.01 inch slot</b>                      Interval: <b>12.9 - 17.9 ft.</b></p>		
<p><b>SILTY SAND (SM)</b>- mostly fine sands, some low plasticity fines 20-30%</p>		5							
<p><b>SAND (SW)</b>- mostly fine to medium sand, some low plasticity fines 20-30%</p>		10							
<p><b>SAND (SP)</b>- mostly medium to coarse sand, some low plasticity fines 20-30%</p>		15							
<p><b>LEGEND</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul> </td> </tr> </table>								<ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul>	<ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul>
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134 Suber Road  
 Columbia, SC 29210

**COMPLETION REPORT OF  
 WELL No. B253B**

MONITORING WELL 00-937-A GFL S&ME GDT 10-25-00

# COMPLETION REPORT OF WELL No. B253C

PROJECT: **Congaree Levee**  
 PROJECT NO: **1611-00-937**  
 PROJECT LOCATION: **Columbia, South Carolina**

WATER LEVEL: **Dry at time of boring. Dry on 10/16/00.**

DRILLING CONTRACTOR:

DRILLING METHOD: **4 1/4" H.S.A.**

DATE DRILLED: **10/5/00**

LATITUDE

LONGITUDE

TOP OF CASING ELEVATION **132.50**

DATUM **MSL**

LOGGED BY **JWB**

STRATA			WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)	WELL CONSTRUCTION DETAILS		
DESCRIPTION	SYMBOL	DEPTH (ft.)							
<p><b>LEAN CLAY WITH SAND (CL)</b>- mostly low to medium plasticity fines, some fine sands 20-30%, slightly moist, micaceous.</p>		0		0.00	GS	132.00	<p><b>PROTECTIVE CASING</b>                      Diameter: <b>N/A</b>                      Type: <b>N/A</b>                      Interval: <b>N/A</b></p> <p><b>RISER CASING</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC</b>                      Interval: <b>-.5 - 3.9 ft.</b></p> <p><b>GROUT</b>                      Type: <b>NA</b>                      Interval: <b>NA</b></p> <p><b>SEAL</b>                      Type: <b>Bentonite Pellets</b>                      Interval: <b>1.5 - 3.9 ft.</b></p> <p><b>FILTERPACK</b>                      Type: <b>Medium Sand</b>                      Interval: <b>3.9 - 8.9 ft.</b></p> <p><b>SCREEN</b>                      Diameter: <b>2 inch</b>                      Type: <b>Sch 40 PVC 0.01 inch slot</b>                      Interval: <b>3.9 - 8.9 ft.</b></p>		
<p style="text-align: center;"><b>LEGEND</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul> </td> </tr> </table>								<ul style="list-style-type: none"> <li> FILTER PACK</li> <li> BENTONITE</li> <li> CEMENT GROUT</li> <li> CUTTINGS / BACKFILL</li> <li> STATIC WATER LEVEL</li> </ul>	<ul style="list-style-type: none"> <li>TOC TOP OF CASING</li> <li>GS GROUND SURFACE</li> <li>BS BENTONITE SEAL</li> <li>FP FILTER PACK</li> <li>TSC TOP OF SCREEN</li> <li>BSC BOTTOM OF SCREEN</li> <li>TD TOTAL DEPTH</li> <li>CG CEMENT GROUT</li> </ul>
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MONITORING WELL 00-937-A-GPJ S&ME GDT 10/25/00



134 Suber Road  
 Columbia, SC 29210

**COMPLETION REPORT OF  
 WELL No. B253C**

# APPENDIX D

Borehole	Depth	Liquid Limit	Plastic Limit	Plasticity Index	Dry Unit Weight (pcf)	% <#200 Sieve	Classification	Opt Moisture Content	Dry Density (pcf)	Water Content (%)	CBR
B 102 A	23.0					2.6	SP				
B 102 B	8.0					37.6	SM			8.6	
B 126 A	6.0	46	26	20		79.5	CL			17.9	
B 126 B	7.0	46	24	22		84.9	CL			35.3	
B 127 A	20.0					35.7	SM			7.5	
B 141 A	10.0					17.5	SM			4.8	
B 141 B	23.0					17.0	SM			9.4	
B 240 A	9.0	41	25	16		87.3	CL			19.9	
B 240 B	23.0						SP				
B 253 A	23.0					10.0	SP-SM			34.2	
B 253 B	17.0					17.0	SM				
B 254 C	9.0	44	24	20		80.5	CL				

U.S. LAB. SUMMARY 00-937.GPJ S&ME GINT 10/25/00



**Summary of Laboratory Results**

Project CONGAREE LEVEE  
 Location COLUMBIA, SOUTH CAROLINA  
 Number: 1611-00-937