

Appendix B

Soil Boring Logs

**Former Gulf States Creosoting Site
Hattiesburg, Mississippi**

MICHAEL PISANI & ASSOCIATES

Environmental Management and Engineering Services
 New Orleans, Louisiana Houston, Texas

Boring/Well No.: SB/MW-09

Project: FORMER GULF STATES CREOSOTING SITE Project No.: 21-04

Location: MARTIN LUTHER KING JR BLVD.

Surface Elev.: 175.31 Boring T.D.: 31 ft. Boring Dia.: 8.25 in.

Date Started: 9-22-98 Date Completed: 9-22-98

Drilling Company: TECHNICAL DRILLING SERVICES Driller: CURTIS LEE

Drilling Method: HOLLOW STEM AUGER Grouting Method: CEMENT/BENTONITE GROUT VIA TREMIE

Logged by: DAVID UPTHEGROVE

DEPTH (FEET)	LITHOLOGY (GRAPHIC LOG)	WELL CONSTRUCTION	SAMPLE TYPE	PID (PPM)	SAMPLE RECOVERY (FEET/FEET)	DESCRIPTION INTERVAL (FEET)	SOIL DESCRIPTION
0					1.7/4	0-4	FILL: BROWN SAND & SILT W/GRAVEL, DRY, 0.3' SANDY CLAY AT BASE, DRY, TAN
5					3.1/5	4-9	0.6' AS ABOVE, THEN SILTY CLAY: LIGHT GRAY, MOIST, STIFF, IRON STAINING
10					2.3/5	9-14	1.5' AS ABOVE, THEN SANDY CLAY: PURPLE GRAY, VERY MOIST TO SATURATED, STIFF, SLIGHT NAPHTHALENE ODOR
20					1.0/2	19-21	SAND: WHITE, SATURATED, MEDIUM GRAINED W/ GRAVEL, SLIGHT NAPHTHALENE ODOR
25					0.8/2	24-26	GRAVEL & SAND: SAND WHITE, GRAVEL UP TO 1/4" IN DIAMETER. SATURATED, DENSE
30					2.0/2	29-31	DRILLER FEELS SAND/CLAY BREAK AT ± 28' SILTY CLAY: GREEN GRAY, MOIST, VERY STIFF

MICHAEL PISANI & ASSOCIATES

Environmental Management and Engineering Services
 New Orleans, Louisiana Houston, Texas

Boring/Well No.: SB/MW-10

Project: FORMER GULF STATES CREOSOTING SITE Project No.: 21-04

Location: SOUTH END OF FILL AREA

Surface Elev.: 186.92 Boring T.D.: 14 ft. Boring Dia.: 8.25 in.

Date Started: 9-22-98 Date Completed: 9-22-98

Drilling Company: TECHNICAL DRILLING SERVICES Driller: CURTIS LEE

Drilling Method: HOLLOW STEM AUGER Grouting Method: CEMENT/BENTONITE GROUT VIA TREMIE

Logged by: DAVID UPTHEGROVE

DEPTH (FEET)	LITHOLOGY (GRAPHIC LOG)	WELL CONSTRUCTION	SAMPLE TYPE	PID (PPM)	SAMPLE RECOVERY (FEET/FEET)	DESCRIPTION INTERVAL (FEET)	SOIL DESCRIPTION
0							
0-4					3.0/4	0-4	SILTY SAND: BROWN & TAN, DRY, VERY FINE GRAINED, SOME GRAVEL AT SURFACE, SOME SLIGHTLY CLAYEY INTERVALS
4-9					3.9/5	4-9	2.5' SAND: LIGHT GRAY & TAN, DRY, FINE-GRAINED, THEN 1.1' SANDY CLAY: LIGHT GRAY, VERY MOIST, STIFF, THEN 0.3' SAND: LIGHT GRAY, SATURATED, FINE-GRAINED
9-14					3.3/5	9-14	1.7' SAND: WHITE SATURATED, MEDIUM GRAINED W/ GRAVEL, THEN 1.6' SANDY CLAY: GRAY-GREEN, MOIST, VERY STIFF
15							
20							
25							
30							

MICHAEL PISANI & ASSOCIATES

Environmental Management and Engineering Services
 New Orleans, Louisiana Houston, Texas

Boring/Well No.: SB/MW-11

Project: FORMER GULF STATES CREOSOTING SITE Project No.: 21-04

Location: WEST END OF FILL AREA AT WEST PINE STREET

Surface Elev.: 187.99 Boring T.D.: 14 ft. Boring Dia.: 8.25 in.

Date Started: 9-22-98 Date Completed: 9-22-98

Drilling Company: TECHNICAL DRILLING SERVICES Driller: CURTIS LEE

Drilling Method: HOLLOW STEM AUGER Grouting Method: CEMENT/BENTONITE GROUT VIA TREMIE

Logged by: DAVID UPTEGROVE

DEPTH (FEET)	LITHOLOGY (GRAPHIC LOG)	WELL CONSTRUCTION	SAMPLE TYPE	PID (PPM)	SAMPLE RECOVERY (FEET/FEET)	DESCRIPTION INTERVAL (FEET)	SOIL DESCRIPTION
0					2.7/4	0-4	FILL: SAND & GRAVEL, SOME BLACK ASPHALT-LIKE MATERIAL AT BASE
5					4.3/5	4-9	SILTY CLAY: LIGHT GRAY, DRY TO SLIGHTLY MOIST, VERY STIFF, BECOMING SANDY W/ IRON STAINING AT BASE
10					2.2/5	9-14	0.8' SAND: WHITE W/ ORANGE IRON STAINING, SATURATED, MEDIUM GRAINED, THEN 1.0' CLAY: LIGHT GRAY, MOIST, STIFF, THEN 0.4' SAND, SAME AS SAND ABOVE
15							
20							
25							
30							

MICHAEL PISANI & ASSOCIATES

Environmental Management and Engineering Services
 New Orleans, Louisiana Houston, Texas

Boring/Well No.: SB/MW-12

Project: FORMER GULF STATES CREOSOTING SITE Project No.: 21-04

Location: NORTH END OF FILL AREA

Surface Elev.: 184.21 Boring T.D.: 24 ft. Boring Dia.: 8.25 in.

Date Started: 9-22-98 Date Completed: 9-22-98

Drilling Company: TECHNICAL DRILLING SERVICES Driller: CURTIS LEE

Drilling Method: HOLLOW STEM AUGER Grouting Method: CEMENT/BENTONITE GROUT VIA TREMIE

Logged by: DAVID UPTHEGROVE

DEPTH (FEET)	LITHOLOGY (GRAPHIC LOG)	WELL CONSTRUCTION	SAMPLE TYPE	PID (PPM)	SAMPLE RECOVERY (FEET/FEET)	DESCRIPTION INTERVAL (FEET)	SOIL DESCRIPTION
0					2.6/4	0-4	SANDY SILT: BROWN, THEN TAN & LIGHT GRAY, DRY
5					3.3/5	4-9	SAND: WHITE, DRY, IRON STAINING AT BASE
10					4.3/5	9-14	CLAY: GRAY-GREEN, DRY, VERY STIFF, IRON STAINING
15					5.0/5	14-19	2.8' AS ABOVE, THEN 0.8' CLAYEY SAND: WHITE, ORANGE IRON STAINING, WET, THEN 0.9' SANDY CLAY: SAME AS CLAY ABOVE, THEN 0.5' SAND: GREEN GRAY, SATURATED, MEDIUM GRAINED, SOME GRAVEL
20					4.0/5	19-24	0.7' SANDY CLAY: GREEN GRAY, MOIST, STIFF, THEN 0.3' SAND: ORANGE, SATURATED, MEDIUM GRAINED, THEN 0.4' SANDY CLAY: SAME AS CLAY ABOVE, THEN 1.3' SAND: GRAY-GREEN, SATURATED, MEDIUM GRAINED, THEN CLAY: BROWN & GRAY GREEN, DRY TO SLIGHTLY MOIST, VERY STIFF TO HARD
25							
30							

MICHAEL PISANI & ASSOCIATES

Environmental Management and Engineering Services
New Orleans, Louisiana Houston, Texas

Boring/Well No.: SB/MW-13

Project: FORMER GULF STATES CREOSOTING SITE Project No.: 21-04

Location: RAMADA INN PROPERTY

Surface Elev.: 184.26 Boring T.D.: 19 ft. Boring Dia.: 8.25 in.

Date Started: 9-22-98 Date Completed: 9-22-98

Drilling Company: TECHNICAL DRILLING SERVICES Driller: CURTIS LEE

Drilling Method: HOLLOW STEM AUGER Grouting Method: CEMENT/BENTONITE GROUT VIA TREMIE

Logged by: DAVID UPTHEGROVE

DEPTH (FEET)	LITHOLOGY (GRAPHIC LOG)	WELL CONSTRUCTION	SAMPLE TYPE	PID (PPM)	SAMPLE RECOVERY (FEET/FEET)	DESCRIPTION INTERVAL (FEET)	SOIL DESCRIPTION
0					2.9/4	0-4	0.7' TOPSOIL: BROWN, DRY, THEN 0.4' SILT: TAN, DRY, THEN 1.8' SILTY CLAY: WHITE AND TAN, DRY, HARD FRIABLE
5					2.6/5	4-9	1.8' AS ABOVE, THEN 0.8' SAND: WHITE, DRY, VERY FINE-GRAINED
10					2.7/5	9-14	1.4' SAND: WHITE AND LIGHT GRAY, SATURATED, MEDIUM GRAINED W/ SMALL GRAVEL, THEN 1.0' SILTY CLAY: LIGHT GRAY, MOIST, STIFF, THEN 0.3' SAND: LIGHT GRAY, SATURATED, W/ LARGER GRAVEL THAN ABOVE
15					2.5/5	14-19	2.2' AS ABOVE, W/ GREEN TINT, THEN 0.3' SILTY CLAY: GRAY GREEN, MOIST, STIFF
20							
25							
30							