

# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-673-00-L00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.751      78 deg. 51.256	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 673 + 00 Left. Wet, brown silt, some gravel, debris/leaves, sand  Bio-Toxicity Sample collected by USACE	-14' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found ▽

Static Level ▼

# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-690-00-L00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.681      78 deg. 50.969	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 690 + 00 Left. Brown silty trace gravel, sand. Clayey interspersed.  Bio-Toxicity Sample collected by USACE	-27' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found ▮

Static Level ▼

# NYSDEC - Region 9 - Division of Environmental Remediation Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-695-00-R00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.617    78 deg. 50.909	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 695 + 00 Rt. First try held open by rock. Second try no recovery.  Relocate to 42 deg. 51.650    78 deg. 50.923 Brown silt, trace gravel/sand. Some twigs.  Bio-Toxicity Sample collected by USACE	-25' BWS   -15' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table  
 Grain Size ○      Water Found ▽      Static Level ▼



# NYSDEC - Region 9 - Division of Environmental Remediation Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-712-00-L00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.376      78 deg. 50.642	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 712 + 00 Left. Brown silty with trace of gravel and sand.  Bio-Toxicity Sample collected by USACE	-12' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found   

Static Level ▼

# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-730-00-R00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.709      78 deg. 50.710	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 730 + 00 Rt. @ ½ bridge. Silt/gravel & sand. Light sheen on water in sample.  Bio-Toxicity Sample collected by USACE						

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found ▮

Static Level ▼

# NYSDEC - Region 9 - Division of Environmental Remediation Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-733-00-L00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.726    78 deg. 50.631	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 733 + 00 Left Silt with intermixed gravel, brown/black  Bio-Toxicity Sample collected by USACE	-14.5' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found   

Static Level ▼

# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-760-00-R00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.730      78 deg. 50.127	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 760 + 00 Rt. -Brown silt with granular light gravel intermixed  Bio-Toxicity Sample collected by USACE	-14.5' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found ▮

Static Level ▼



# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-773-00-R00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.632      78 deg. 49.888	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 773 + 00 Rt. Excessive leaves, 2 <sup>nd</sup> Ponar taken. Silt very viscous & muddy, brown  Bio-Toxicity Sample collected by USACE	-11.0' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found   v  

Static Level ▼



# NYSDEC - Region 9 - Division of Environmental Remediation Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-780-00-C00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05 1353  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.645      78 deg. 49.755	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 780 + 00 2-grabs, silt/leaves/stone gravel, brown-light organic odor  Bio-Toxicity Sample collected by USACE	-9.0' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found ▽

Static Level ▼

# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: Buffalo River  
 Site No.: N785  
 Location: 11-785-00-R00  
 NYSDEC Staff: Dave Szymanski

Hole Designation:  
 Date Completed: 9/6/05  
 Drilling Method: Ponar

Depth (ft.)BGS	Stratigraphic Description & Remarks  42 deg. 51.698      78 deg. 49.632	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0-6"	STA 785 + 00 Rt. -Black, dark brown gravel, round  Bio-Toxicity Sample collected by USACE	-7.6' BWS					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ○

Water Found   

Static Level ▼

Hole Designation:  
Date Completed: 9/9/05 1630  
Drilling Method: Vibracore

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Static Level ▼



# NYSDEC - Region 9 - Division of Environmental Remediation

## Stratigraphic and Instrumentation Log



Project Name: BR  
 Site No.:  
 Location: 2-605-00-L06  
 -L56

Hole Designation:  
 Date Completed: 9/9/05 1700  
 Drilling Method: Vibracore

NYSDEC Staff: BVH

Depth (ft.)BGS	Stratigraphic Description & Remarks	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0 - 6.0'	Brown, very soft SILT and clay, trace misc. debris (ML)  Thin seam of slag at 3.8'  . . .grades to dark gray, soft at 3.5', with petroleum staining and odor, PID max at 5.0'  Lab sample at 0 - 6" Lab sample at 5.0 - 6.0'  PID = 17.8  Recovery = 6.0'						

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size

Water Found

Static Level

# NYSDEC - Region 9 - Division of Environmental Remediation Stratigraphic and Instrumentation Log



Project Name: BR  
 Site No.:  
 Location: 6-602-50-L02  
 NYSDEC Staff: BVH

Hole Designation:  
 Date Completed: 9/9/05 1745.  
 Drilling Method: Vibracore

Depth (ft.)BGS	Stratigraphic Description & Remarks	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0 - 1.5'	<p>Gray, very soft SILT, some gravel, slag, brick frags., trace misc. debris (ML)</p> <p>Lab sample = composite of entire core</p> <p>PID = 0</p> <p>Recovery = 1.5'</p>						

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size ☐

Water Found ☒

Static Level ☒

# NYSDEC - Region 9 - Division of Environmental Remediation Stratigraphic and Instrumentation Log



Project Name: BR  
Site No.:  
Location: 6-602-50-R35  
-R89

Hole Designation:  
Date Completed: 9/9/05 1820  
Drilling Method: Vibracore

NYSDEC Staff: BVH

Depth (ft.)BGS	Stratigraphic Description & Remarks	Elevation (ft.)AMSL	Monitor Installation	Sample			
				C O U N T	N U M B E R	N V A L U E	P I D
	Surface Reference						
0 - 9.4'	<p>Brown/gray, soft SILT, some clay, little organic matter (ML)</p> <p>...grades to medium stiff, little fine sand at 3.0'</p> <p>...grades to dark gray, with petroleum odor and staining at 6.2'</p> <p>Several thin peat lenses throughout</p> <p>PID max at 8.3'</p> <p>Thin lens of brown, tar-like substance at 8.3'</p> <p>Lab sample at 3.0 - 5.0' = triple volume for MS/MSD</p> <p>Lab sample at 8.0 - 9.0'</p> <p>PID = 25.0 max</p> <p>Recovery = 9.4'</p>						

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size

Water Found ☒

Static Level