

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic and Instrumentation Log



Project Name: Buffalo River

Site No.:

Location: 4-753-00-L06

-L67

-L56

NYSDEC Staff: Brian Hourigan

Hole Designation:

Date Completed: 8/26/05 0920

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						
0-5'	Gray, medium stiff silt and clay little sand (ML) Petroleum stained layer at 2.0 - 2.6'						
5-6.7'	Dark gray, loose sand and gravel, little silt, well graded (SW) strong petroleum odor and staining in this zone						
6.7-7.0'	Brown medium stiff clay, plastic (CH) Lab sample at 0-6' Lab sample at 6'-7' Lab sample at 5-6.7' for TCL VOA 8260 and DOH 310.13 PID = 72 max at 6' Recovery = 7.0'						

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

Grain Size ○

Water Found ▮

Static Level ▼

NYSDEC Staff: Brian V. Hourigan

Static Level ▼

Hole Designation:
Date Completed: 8/27/05 1050
Drilling Method: Vibracore

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

Hole Designation:
Date Completed: 8/27/05 1010
Drilling Method: Vibracore

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

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic and Instrumentation Log



Project Name: Buffalo River
 Site No.:
 Location: 1-720-00-C07 C45
 NYSDEC Staff: Brian Hourigan

Hole Designation:
 Date Completed: 8/27/05 0920
 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						
0-6.7'	Gray, medium stiff silt, some clay, some sand, some organic matter (ML) -several thin sand lenses -black tar-like material from 4.0'-6.0', strong chemical odor. PID hit here. ...becomes sandier at bottom (SM) Lab sample = composite of entire core length Lab sample at 4-5' for TCL VOA 8260 and DOH 310.13 PID = 158 max Recovery = 6.7'						

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

Grain Size ○

Water Found ▽

Static Level ▼

Hole Designation:
Date Completed: 8/27/05 0900
Drilling Method: Vibracore

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

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic and Instrumentation Log



Project Name: Buffalo River
 Site No.:
 Location: 2-710-00-L06 L56
 NYSDEC Staff: Brian V. Hourigan

Hole Designation:
 Date Completed: 8/27/05 1130
 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						
0-6.4'	Gray/brown medium stiff silt, some clay, little sand, little organic matter (ML) lab sample at 0-6" lab sample at 5.4' - 6.4' Photos PID = 0 Recovery = 6.4'						

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

Grain Size ○

Water Found ▽

Static Level ▼

NYSDEC Staff: Brian V. Hourigan

Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic and Instrumentation Log



Project Name: Buffalo River
 Site No.:
 Location: 3-712-00-L06 L34
 NYSDEC Staff: Brian Hourigan

Hole Designation:
 Date Completed: 8/27/05 1115
 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						
0-3.6'	Gray/brown medium stiff to soft silt, some clay, some organic matter (ML) -1" peat layer at 2.2' -lab sample at 0-6" -lab sample at 2.6'-3.6' PID = 0 Recovery = 3.6'						

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.:
 Location: 6-708-00-L35
 NYSDEC Staff: Brian V. Hourigan

Hole Designation:
 Date Completed: 8/27/05 1150
 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						
0-7.3'	<p>Gray/brown medium stiff silt, and clay, trace sand, little organic matter (ML)</p> <p>-becomes sandy at very bottom</p> <p>-lab sample at 3'-5' triple volume for MS/MSD</p> <p>-deeper lab sample not taken because material is uniform</p> <p>PID = 0</p> <p>Recovery = 7.3'</p>						

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

Grain Size ○

Water Found ▽

Static Level ▼

Hole Designation:
Date Completed: 8/27/05 1030
Drilling Method: Vibracore

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

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



Project Name: Buffalo River
 Site No.:
 Location: 7-714-00-L
 NYSDEC Staff: Brian Hourigan

Hole Designation:
 Date Completed: 8/27/05 0945
 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						
	No recovery Actual sample location taken at center line						

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

Grain Size ○

Water Found ▽

Static Level ▼

Hole Designation:
Date Completed: 8/29/05 1515
Drilling Method: Vibracore

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

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic and Instrumentation Log



Project Name: Buffalo River
 Site No.:
 Location: 2-700-00-L06 L67 L910
 NYSDEC Staff: Brian Hourigan

Hole Designation:
 Date Completed: 8/29/05 1555
 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						
0-6.5'	Brown/gray/black, soft silt and clay (ML-CL) -varved -much petroleum staining						
6.5-6.8'	Black, petroleum covered slag max. PID hit here.						
6.8-9.9	Brown/gray/black medium stiff silt. Some sand, some clay, little organic matter (ML-SM)						
	Lab sample at 0-6" Lab sample at 8.9-9.9' Lab sample at 6.5-6.8' for TCL VOA 8260 and DOH 310.13						
	PID = 200 max Recovery = 9.9'						

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

Grain Size ○

Water Found ▽

Static Level ▼