

CALCULATED  
CHECKED

SOIL BORING LOGS

LAK-640-3.444

5  
5

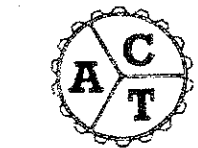
TEST BORING LOG STA. 4+919.17, 4.87m (R)

ACT PROJECT NO. 9411.30 BORING NO. B-1 SHEET 1 OF 1  
CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 12-14-94  
PROJECT: VINE STREET RECONSTRUCTION FROM SKIFF TO ERIE STREET, WILLOUGHBY, LAKE CTY., OHIO  
DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 194.20m

Table with columns: SAMPLE (Depth, No., Type, SYMBOL), SAMPLE IDENTIFICATION, BLOW COUNT ON SS/50 mm, W (%), LL/PI, γd (kg/cm³), qu (kPa), qp (kPa). Rows include asphalt/concrete base, silty clay, mottled silt/clay, and sandy silt.

GROUNDWATER: NONE  
ENCOUNTERED AT: NONE  
ON COMPLETION: DRY  
AFTER: BULK SAMPLE OBTAINED FROM 0.3 TO 1.8 METERS FOR CBR ANALYSIS.  
REMARKS: ANALYSIS.

AS - Auger Sample  
ST - Shelby Tube Sample  
SS - Split Spoon Sample  
W - Moisture Content  
NX - 54 mm I.D. Core Barrel  
LL/PI - Liquid Limit/Plasticity Index  
NP - Non Plastic Material  
γd - Dry Density  
qu - Unconfined Strength  
qp - Pocket Penetrometer Reading



APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 5+062.23, 1.01m (L)

ACT PROJECT NO. 9411.30 BORING NO. B-2 SHEET 1 OF 1  
CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 12-14-94  
PROJECT: VINE STREET RECONSTRUCTION FROM SKIFF TO ERIE STREET, WILLOUGHBY, LAKE CTY., OHIO  
DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 195.24m

Table with columns: SAMPLE (Depth, No., Type, SYMBOL), SAMPLE IDENTIFICATION, BLOW COUNT ON SS/50 mm, W (%), LL/PI, γd (kg/cm³), qu (kPa), qp (kPa). Rows include asphalt/brick base, sandy silt/clay, and mottled sandy silt/clay.

GROUNDWATER: NONE  
ENCOUNTERED AT: NONE  
ON COMPLETION: DRY  
AFTER: BULK SAMPLE OBTAINED FROM 0.3 TO 1.8 METERS FOR CBR ANALYSIS.  
REMARKS: ANALYSIS.

AS - Auger Sample  
ST - Shelby Tube Sample  
SS - Split Spoon Sample  
W - Moisture Content  
NX - 54 mm I.D. Core Barrel  
LL/PI - Liquid Limit/Plasticity Index  
NP - Non Plastic Material  
γd - Dry Density  
qu - Unconfined Strength  
qp - Pocket Penetrometer Reading



APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 5+189.11, 0.95m (R)

ACT PROJECT NO. 9411.30 BORING NO. B-3 SHEET 1 OF 1  
CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 12-14-94  
PROJECT: VINE STREET RECONSTRUCTION FROM SKIFF TO ERIE STREET, WILLOUGHBY, LAKE CTY., OHIO  
DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 197.06m

Table with columns: SAMPLE (Depth, No., Type, SYMBOL), SAMPLE IDENTIFICATION, BLOW COUNT ON SS/50 mm, W (%), LL/PI, γd (kg/cm³), qu (kPa), qp (kPa). Rows include asphalt/brick base, stone fragments, mottled sandy silt, and sandy silt/clay.

GROUNDWATER: NONE  
ENCOUNTERED AT: NONE  
ON COMPLETION: DRY  
AFTER: BULK SAMPLE OBTAINED FROM 0.3 TO 1.5 METERS.  
REMARKS: ANALYSIS.

AS - Auger Sample  
ST - Shelby Tube Sample  
SS - Split Spoon Sample  
W - Moisture Content  
NX - 54 mm I.D. Core Barrel  
LL/PI - Liquid Limit/Plasticity Index  
NP - Non Plastic Material  
γd - Dry Density  
qu - Unconfined Strength  
qp - Pocket Penetrometer Reading



APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 5+320.36, 5.88m (L)

ACT PROJECT NO. 9411.30 BORING NO. B-4 SHEET 1 OF 1  
CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 12-14-94  
PROJECT: VINE STREET RECONSTRUCTION FROM SKIFF TO ERIE STREET, WILLOUGHBY, LAKE CTY., OHIO  
DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 196.17m

Table with columns: SAMPLE (Depth, No., Type, SYMBOL), SAMPLE IDENTIFICATION, BLOW COUNT ON SS/50 mm, W (%), LL/PI, γd (kg/cm³), qu (kPa), qp (kPa). Rows include asphalt/concrete base, coarse sand/silt, mottled sandy silt, and sandy silt/clay.

GROUNDWATER: NONE  
ENCOUNTERED AT: NONE  
ON COMPLETION: DRY  
AFTER: BULK SAMPLE OBTAINED FROM 0.4 TO 1.5 METERS.  
REMARKS: ANALYSIS.

AS - Auger Sample  
ST - Shelby Tube Sample  
SS - Split Spoon Sample  
W - Moisture Content  
NX - 54 mm I.D. Core Barrel  
LL/PI - Liquid Limit/Plasticity Index  
NP - Non Plastic Material  
γd - Dry Density  
qu - Unconfined Strength  
qp - Pocket Penetrometer Reading



APPLIED CONSTRUCTION TECHNOLOGIES, INC.