

TEST BORING LOG STA. 3+508.68, 2.34m (R)

ACT PROJECT NO. 9406.13 BORING NO. B-1 SHEET 1 OF 1
 CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 06-29-94
 PROJECT: VINE STREET RECONSTRUCTION FROM EAST 364TH TO SKIFF STREET, LAK-640-2.14, EASTLAKE S
 DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 192.02m WILLoughby

Depth (M.)	No.	Type	SYMBOL	SAMPLE IDENTIFICATION	BLOW COUNT ON SS/150MM	PROPERTIES				
						W (%)	LL/PI	γ_d (kg/cm ³)	q_u (kPa)	q_p (kPa)
0				51 mm Asphalt Pavement						
				178 mm Concrete Slab						
0.75	1	SS		Brown coarse and fine sand, little gravel, trace cinders. Fill. Loose. Moist. (A-3a) (Visual)	2-3-3	10.5				
				Brown and gray sandy silt, trace gravel and cinders. Fill. Loose. Moist. (A-4a) (Visual)		10.3				
1.5	2	SS		Brown and gray clay, some silt, little sand, trace gravel. Fill. Medium stiff. Moist. (A-7-6)	2-3-4	21.3	41/20			221
						26.6				
2.25	3	SS		Brown and gray sandy silt. Medium dense. Moist. (A-4a) (Visual)	2-7-9	23.9				432+
						19.1				
End of boring @ 2.4 m.										

GROUNDWATER ENCOUNTERED AT: NONE ON COMPLETION: 2.3 m
 AFTER: NONE
 REMARKS: BULK SAMPLE OBTAINED FROM 0.5 TO 1.5 METERS.

AS - Auger Sample
 ST - Shelby Tube Sample
 50 MM O.D.
 SS - Split Spoon Sample
 W - Moisture Content

LL/PI - Liquid Limit/Plasticity Index
 γ_d - Dry Density
 q_u - Unconfined Strength
 q_p - Pocket Penetrometer Reading

APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 3+633.05, 1.51m (L)

ACT PROJECT NO. 9406.13 BORING NO. B-2 SHEET 1 OF 1
 CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 07-11-94
 PROJECT: VINE STREET RECONSTRUCTION FROM EAST 364TH TO SKIFF STREET, LAK-640-2.14, EASTLAKE S
 DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 192.09m WILLoughby

Depth (M.)	No.	Type	SYMBOL	SAMPLE IDENTIFICATION	BLOW COUNT ON SS/150MM	PROPERTIES				
						W (%)	LL/PI	γ_d (kg/cm ³)	q_u (kPa)	q_p (kPa)
0				13 mm Asphalt Pavement						
				103 mm Concrete Slab						
0.75	1	SS		Brown coarse and fine sand, some gravel, trace clay. Loose to medium dense. Moist. (A-3a) (Visual)	4-5-5	17.1				288
				Brown silt and clay, little sand, trace gravel. Stiff. Moist. (A-6a) (Visual)		21.9				221
1.5	2	SS			4-5-5	21.9				
2.25	3	SS		Brown silty clay, trace sand, trace rock fragments. Very stiff. Moist. (A-6b) (Visual)	6-8-9	20.9				432+
End of boring @ 2.4 m.										

GROUNDWATER ENCOUNTERED AT: NONE ON COMPLETION: NONE
 AFTER: NONE
 REMARKS: BULK SAMPLE OBTAINED FROM 0.5 TO 1.5 METERS.

AS - Auger Sample
 ST - Shelby Tube Sample
 50 MM O.D.
 SS - Split Spoon Sample
 W - Moisture Content

LL/PI - Liquid Limit/Plasticity Index
 γ_d - Dry Density
 q_u - Unconfined Strength
 q_p - Pocket Penetrometer Reading

APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 3+749.28, 2.17m (R)

ACT PROJECT NO. 9406.13 BORING NO. B-3 SHEET 1 OF 1
 CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 06-29-94
 PROJECT: VINE STREET RECONSTRUCTION FROM EAST 364TH TO SKIFF STREET, LAK-640-2.14, EASTLAKE S
 DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 192.12m WILLoughby

Depth (M.)	No.	Type	SYMBOL	SAMPLE IDENTIFICATION	BLOW COUNT ON SS/150MM	PROPERTIES				
						W (%)	LL/PI	γ_d (kg/cm ³)	q_u (kPa)	q_p (kPa)
0				51 mm Asphalt Pavement						
				203 mm Concrete Slab						
0.75	1	SS		Brown coarse and fine sand, some gravel, trace clay and silt. Fill. Medium dense. Moist. (A-3a) (Visual)	4-8-9	7.0				
						7.3				
1.5	2	SS			5-5-6	7.3				
2.25	3	SS		Brown coarse and fine sand, some gravel, trace silt. Loose. Moist to wet. (A-3a) (Visual)	3-4-5	8.2				
						11.7				
3.0	4	SS			3-3-2	11.7				
End of boring @ 3.0 m.										

GROUNDWATER ENCOUNTERED AT: 2.5 m ON COMPLETION: 2.5 m
 AFTER: NONE
 REMARKS: NONE

AS - Auger Sample
 ST - Shelby Tube Sample
 50 MM O.D.
 SS - Split Spoon Sample
 W - Moisture Content

LL/PI - Liquid Limit/Plasticity Index
 γ_d - Dry Density
 q_u - Unconfined Strength
 q_p - Pocket Penetrometer Reading

APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 3+869.18, 6.51m (L)

ACT PROJECT NO. 9406.13 BORING NO. B-4 SHEET 1 OF 1
 CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 07-11-94
 PROJECT: VINE STREET RECONSTRUCTION FROM EAST 364TH TO SKIFF STREET, LAK-640-2.14, EASTLAKE S
 DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 191.78m WILLoughby

Depth (M.)	No.	Type	SYMBOL	SAMPLE IDENTIFICATION	BLOW COUNT ON SS/150MM	PROPERTIES				
						W (%)	LL/PI	γ_d (kg/cm ³)	q_u (kPa)	q_p (kPa)
0				108 mm Asphalt Pavement						
				203 mm Concrete Slab						
0.75	1	SS		Brown fine sand. Possible fill. Dense. Moist. (A-3) (Visual)	4-7-10	14.7				144
				Brown silt and clay, little sand, trace gravel fragments. Very stiff. Moist. (A-6a) (Visual)		20.6				125
1.5	2	SS			4-7-9	20.6				
2.25	3	SS		Brown with trace gray silty clay, trace sand, trace gravel fragments. Very stiff. Moist. (A-6b)	4-7-11	19.7	35/16			432+
						16.6				432+
3.0	4	SS			5-9-12	16.6				
						11.5				432+
3.75	5	SS			8-11-11	11.5				
End of boring @ 3.6 m.										

GROUNDWATER ENCOUNTERED AT: NONE ON COMPLETION: NONE
 AFTER: NONE
 REMARKS: NONE

AS - Auger Sample
 ST - Shelby Tube Sample
 50 MM O.D.
 SS - Split Spoon Sample
 W - Moisture Content

LL/PI - Liquid Limit/Plasticity Index
 γ_d - Dry Density
 q_u - Unconfined Strength
 q_p - Pocket Penetrometer Reading

APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 3+975.50, 4.04m (R)

ACT PROJECT NO. 9406.13 BORING NO. B-5 SHEET 1 OF 1
 CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 06-29-94
 PROJECT: VINE STREET RECONSTRUCTION FROM EAST 364TH TO SKIFF STREET, LAK-640-2.14, EASTLAKE S
 DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 192.32m WILLoughby

Depth (M.)	No.	Type	SYMBOL	SAMPLE IDENTIFICATION	BLOW COUNT ON SS/150MM	PROPERTIES				
						W (%)	LL/PI	γ_d (kg/cm ³)	q_u (kPa)	q_p (kPa)
0				51 mm Asphalt Pavement						
				228 mm Concrete Slab						
0.75	1	SS		Brown coarse and fine sand, little gravel, trace silt and clay. Fill. Loose. Moist. (A-3a) (Visual)	2-3-4	15.9				192
				Brown with trace gray silt and clay, trace fine sand, trace rock fragments. Medium to stiff. Moist. (A-6a) (Visual)		17.4				
1.5	2	SS			3-4-5	23.1				365
2.25	3	SS		Brown and gray sandy silt, trace fine sand, trace rock fragments. Medium dense. Moist. (A-4a) (Visual)	4-8-10	22.4				432+
						16.7				
3.0	4	SS			7-9-9	13.4				432+
End of boring @ 3.6 m.										

GROUNDWATER ENCOUNTERED AT: NONE ON COMPLETION: NONE
 AFTER: NONE
 REMARKS: NONE

AS - Auger Sample
 ST - Shelby Tube Sample
 50 MM O.D.
 SS - Split Spoon Sample
 W - Moisture Content

LL/PI - Liquid Limit/Plasticity Index
 γ_d - Dry Density
 q_u - Unconfined Strength
 q_p - Pocket Penetrometer Reading

APPLIED CONSTRUCTION TECHNOLOGIES, INC.

TEST BORING LOG STA. 4+111.50, 7.60m (L)

ACT PROJECT NO. 9406.13 BORING NO. B-6 SHEET 1 OF 1
 CLIENT: STEPHEN HOVANSEK & ASSOCIATES, INC. DATE DRILLED: 07-11-94
 PROJECT: VINE STREET RECONSTRUCTION FROM EAST 364TH TO SKIFF STREET, LAK-640-2.14, EASTLAKE S
 DRILLING METHOD: ROTARY DRIVE, HOLLOW STEM AUGERS SURFACE ELEVATION: 192.28m WILLoughby

Depth (M.)	No.	Type	SYMBOL	SAMPLE IDENTIFICATION	BLOW COUNT ON SS/150MM	PROPERTIES				
						W (%)	LL/PI	γ_d (kg/cm ³)	q_u (kPa)	q_p (kPa)
0				101 mm Asphalt Pavement						
				203 mm Concrete Slab						
0.75	1	SS		Brown fine sand. Medium dense. Moist. (A-3) (Visual)	8-6-6	13.3				385
				Brown silty clay, little sand, trace gravel and rock fragments. Stiff to very stiff. Moist. (A-6b) (Visual)		17.6				432+
1.5	2	SS			4-4-7	17.6				
2.25	3	SS			5-8-10	18.6				432+
						10.0				432+
3.0	4	SS		Gray silt and clay, trace fine sand, trace gravel and rock fragments. Very stiff. Moist. (A-6a) (Visual)	8-11-13	10.0				
3.75	5	SS			8-11-19	9.8				432+
End of boring @ 4.5 m.										

GROUNDWATER ENCOUNTERED AT: NONE ON COMPLETION: NONE
 AFTER: NONE
 REMARKS: NONE

AS - Auger Sample
 ST - Shelby Tube Sample
 50 MM O.D.
 SS - Split Spoon Sample
 W - Moisture Content

LL/PI - Liquid Limit/Plasticity Index
 γ_d - Dry Density
 q_u - Unconfined Strength
 q_p - Pocket Penetrometer Reading

APPLIED CONSTRUCTION TECHNOLOGIES, INC.

SOIL BORING LOGS

LAK-640-3.444

3
5