

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE FOUNDATION BORING LOG		Sh 1 of 1	
OBA O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS 1235 E. DAVIS ST., ARLINGTON HTS., IL 60005 (847) 398-4444 • FAX (847) 398-2376			
Project: Bailey Road Bridge over the West Branch of the DuPage River OBA JOB NO. 04251		Date: October 12, 04	
Location: Naperville, Illinois		Bored By: Patrick	
County: DuPage County		Checked By: DOB	
Client: I.Y. Lin International/BASCOR, Inc.			
BORING No.: S-2			
Station: 3+69		Core Type: NX Split Barrel	
Offset: 30.0' Right		Core Diameter: 2.0 in.	
Surface Elevation: 6567		Core Length: 5.0 ft.	
		Top of Rock Elev.: 626.2	
Soil Description	Blow Counts	Qu (tsf)	W (%)
14.0' TOPSOIL	7		
CLAYEY SAND, GRAVEL & STONE-brown-very dense (GC)	8		
Cobbles from -26.0' to -27.5'.	8	4.5+P	22
SILTY CLAY-trace to some sand, gravel & stone-dark brown & gray spotted black-hard (CL) Fill	7		
	11		
	14		
	14		
	11		
	7	4.5+P	22
SAND & GRAVEL-brown-medium dense (GP) Fill	5		
	4		
	5	NP	12
SANDY CLAY with Gravel-brown-medium dense (CL)	3		
	6		
	20		
Cobbles-very dense	47		
	37		
	15		
	12		
	19		
SANDY CLAY with Gravel-brown-dense (CL)	11		
	30		
	20	NP	11
CLAYEY SAND, GRAVEL & STONE-brown-very dense (GC)	70		
	70	NP	14
	70		
	25	NP	10

N-Standard Penetration is the value of the last blow counts in each sample zone (ASTM D-1586)
 NR-No Recovery ST-Shelby Tube
 O'BRIEN & ASSOCIATES, INC.

STRUCTURE FOUNDATION ROCK CORING LOG		Sh 1 of 1				
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Client: I.Y. Lin International/BASCOR, Inc.						
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Station: 3+69		Core Diameter: 2.0 in.				
Offset: 30.0' Right		Core Length: 5.0 ft.				
Surface Elevation: 6567		Top of Rock Elev.: 626.2				
Top Elev.	CORING NOTES AND ROCK DESCRIPTION	CORE RUN (#)	RECOVERY (%)	R.O.D. (%)	CORE TIME (Min./ft.)	COMPRESSIVE STRENGTH (tsf)
626.2	SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE RUN 1 (-30.5' to -35.5') Light gray with horizontal bedding. Slightly porous with rust staining throughout. Weathered with numerous horizontal & vertical fractures throughout.	1	100.0	16.7	7.0	n/a
	100.0% water recovery					
621.2	RUN 2 (-35.5' to -40.5') Light gray with horizontal bedding. Slightly porous with rust staining throughout. Weathered with numerous horizontal & vertical fractures throughout.	2	100.0	16.7	7.0	n/a
	0.0% water recovery					

O'BRIEN & ASSOCIATES, INC.

TYLIN INTERNATIONAL

DESIGNED	-	SNB
CHECKED	-	SP
DRAWN	-	SNB
CHECKED	-	SP

SOIL BORING S-2

BAILEY ROAD OVER THE
WEST BRANCH OF THE DUPAGE RIVER
FAU 1545
SECTION 00-00115-00 BR STA. 2+99.15
DUPAGE COUNTY
S.N. 022 3028