

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/22/03

ROUTE: EAL 90/94 DESCRIPTION: DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 4TH STREET
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. TWP. 39 N., RNG. 14 E.

Boring No. NB-16
Station 4592+15 (NB LOCAL)
Offset 67.477 RT. OF NB LOCAL B.
Surface Elev. 10.10 ft

Surface Water Elev. _____
Groundwater Elev. 5.6
when drilling _____
at Completion _____
after _____ Hrs.

DEPTH (ft)	D	B	L	P	O	T	H	W	S	Q _u	W	%
9.60												
7.10												
6.10												
-2.90												
-14.80												

SPT. (N) = Sum of last two blow values in sample. (Q_u) = Bluge S-Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/22/03

ROUTE: EAL 90/94 DESCRIPTION: DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 4TH STREET
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. TWP. 39 N., RNG. 14 E.

Boring No. NB-17
Station 4598+26 (NB LOCAL)
Offset 67.567 RT. OF NB LOCAL B.
Surface Elev. 12.29 ft

Surface Water Elev. _____
Groundwater Elev. 6.3
when drilling _____
at Completion _____
after _____ Hrs.

DEPTH (ft)	D	B	L	P	O	T	H	W	S	Q _u	W	%
11.29												
9.29												
6.79												
-3.21												
-12.11												

SPT. (N) = Sum of last two blow values in sample. (Q_u) = Bluge S-Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/22/03

ROUTE: EAL 90/94 DESCRIPTION: DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 4TH STREET
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. TWP. 39 N., RNG. 14 E.

Boring No. NB-18
Station 4598+16 (NB LOCAL)
Offset 67.311 RT. OF NB LOCAL B.
Surface Elev. 11.32 ft

Surface Water Elev. _____
Groundwater Elev. 5.3
when drilling _____
at Completion _____
after _____ Hrs.

DEPTH (ft)	D	B	L	P	O	T	H	W	S	Q _u	W	%
10.44												
8.32												
5.82												
-2.18												
-13.68												

SPT. (N) = Sum of last two blow values in sample. (Q_u) = Bluge S-Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/22/03

ROUTE: EAL 90/94 DESCRIPTION: DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 4TH STREET
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. TWP. 39 N., RNG. 14 E.

Boring No. NB-19
Station 4604+09 (NB LOCAL)
Offset 67.477 RT. OF NB LOCAL B.
Surface Elev. 13.00 ft

Surface Water Elev. _____
Groundwater Elev. 4.5
when drilling _____
at Completion _____
after _____ Hrs.

DEPTH (ft)	D	B	L	P	O	T	H	W	S	Q _u	W	%
12.17												
10.00												
5.00												
-2.90												
-12.00												

SPT. (N) = Sum of last two blow values in sample. (Q_u) = Bluge S-Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/22/03

ROUTE: EAL 90/94 DESCRIPTION: DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 4TH STREET
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. TWP. 39 N., RNG. 14 E.

Boring No. NB-20
Station 4608+20 (NB LOCAL)
Offset 67.477 RT. OF NB LOCAL B.
Surface Elev. 2.41 ft

Surface Water Elev. _____
Groundwater Elev. _____
when drilling _____
at Completion _____
after _____ Hrs.

DEPTH (ft)	D	B	L	P	O	T	H	W	S	Q _u	W	%
-3.33												
-5.41												
-27.41												

SPT. (N) = Sum of last two blow values in sample. (Q_u) = Bluge S-Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/22/03

ROUTE: EAL 90/94 DESCRIPTION: DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 4TH STREET
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. TWP. 39 N., RNG. 14 E.

Boring No. NB-21
Station 4612+19 (NB LOCAL)
Offset 67.477 RT. OF NB LOCAL B.
Surface Elev. 0.52 ft

Surface Water Elev. _____
Groundwater Elev. 3.0
when drilling _____
at Completion _____
after _____ Hrs.

DEPTH (ft)	D	B	L	P	O	T	H	W	S	Q _u	W	%
-0.36												
-4.98												
-24.48												

SPT. (N) = Sum of last two blow values in sample. (Q_u) = Bluge S-Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	370
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62301		*(2021-922 PT2 ETC 2324.6-1P) R-10		

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

SOIL BORING LOGS

SCALE: 1"=50'
DATE: 06/09/06

DRAWN BY: RR
CHECKED BY: RS

BL-09
7:07:38 PM
6/7/2006