

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		COOK	916	624
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62304				
*(1516.1, 1717, & 1818) R-4				

Boring No. 9, Page 1 of 1

SOIL BORING LOG

PAGE 1 of 1
DATE 1-28-2004
LOGGED BY BH
OBA JOB No. 03365

ROUTE Interstate 57 DESCRIPTION I-57 northbound over I-94 westbound ramp bridge improvements.
SECTION I-80 to I-94 LOCATION Northbound entrance ramp to I-94 at I-57 termination.
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger, HAMMER TYPE CME Automatic

STRUCT. NO. 016-0072
Station: 238+00
BORING NO. S-9
Station: 238+55
Offset: 19.0' Right
Ground Surface Elev. 211.00

DEPTH (ft)	SOIL TYPE	REMARKS	DEPTH (ft)	SOIL TYPE	REMARKS
0		Surface Water Elev. 0/0	0		
0		Stream Bed Elev. 0/0	0		
0		Groundwater Elevation	0		
0		First Encounter	0		
0		Upon Completion	0		
0		After Hrs.	0		
1			1		
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6			6		
7	CLAY-gray-very stiff to hard (A-6)		7	CLAY-gray-very stiff to hard (A-6)	
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Run 1 (-29.0' to -34.0')
Silurian System Niagara Series Dolomite
Mottled light gray to gray with horizontal to wavy bedding, fine grained & varved. Horizontal fractures @ -29.0', -29.8', -30.0', -30.3', -31.0' & -31.2'.
Recovery=100.0%
ROD=89.2%

Run 2 (-34.0' to -39.0')
Silurian System Niagara Series Dolomite
Gray with horizontal bedding, fine grained. Horizontal fractures @ -35.2', -36.4' & -38.7'.
Recovery=100.0%
ROD=95.8%

End of Boring @ -39.0'
Hollow Stem Augers to 40.0'
Rotary Drilling to Completion
CME Automatic Hammer

Boring No. 11, Page 1 of 2

SOIL BORING LOG

PAGE 1 of 2
DATE 1-19-2004
LOGGED BY BH
OBA JOB No. 03365

ROUTE Interstate 57 DESCRIPTION I-57 northbound over I-94 westbound ramp bridge improvements.
SECTION I-80 to I-94 LOCATION Northbound entrance ramp to I-94 at I-57 termination.
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger, HAMMER TYPE CME Automatic

STRUCT. NO. 016-0072
Station: 238+00
BORING NO. S-11
Station: 240+83
Offset: 18.0' Right
Ground Surface Elev. 209.20

DEPTH (ft)	SOIL TYPE	REMARKS	DEPTH (ft)	SOIL TYPE	REMARKS
0		Surface Water Elev. 0/0	0		
0		Stream Bed Elev. 0/0	0		
0		Groundwater Elevation	0		
0		First Encounter	0		
0		Upon Completion	0		
0		After Hrs.	0		
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CLAY-gray-stiff (A-6)

CLAY to CLAY LOAM-brown & gray-very stiff to hard (A-6)

CLAY-brown & gray-stiff to very stiff (A-6)

CLAY-gray-stiff (A-6)

Boring No. 10, Page 1 of 1

SOIL BORING LOG

PAGE 1 of 1
DATE 2-19-2004
LOGGED BY BH
OBA JOB No. 03365

ROUTE Interstate 57 DESCRIPTION I-57 northbound over I-94 westbound ramp bridge improvements.
SECTION I-80 to I-94 LOCATION Northbound entrance ramp to I-94 at I-57 termination.
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger, HAMMER TYPE CME Automatic

STRUCT. NO. 016-0072
Station: 238+00
BORING NO. S-10
Station: 240+88
Offset: 18.0' Right
Ground Surface Elev. 205.00

DEPTH (ft)	SOIL TYPE	REMARKS	DEPTH (ft)	SOIL TYPE	REMARKS
0		Surface Water Elev. 0/0	0		
0		Stream Bed Elev. 0/0	0		
0		Groundwater Elevation	0		
0		First Encounter	0		
0		Upon Completion	0		
0		After Hrs.	0		
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3.5" ASPHALT, 10.0" CONCRETE

Fine SAND-brown-medium dense (A-3) F#

SAND-brown-lose to medium dense (A-3) F#

CLAY-brown & gray-stiff (A-6) F#

SAND-brown-medium dense to dense (A-3) F#

SAND-brown-lose to medium dense (A-3) F#

Drillers Observation: Auger refusal @ -26.0'. Apparent concrete obstruction. Probable retaining wall footing.

End of Boring @ -26.0'
Hollow Stem Augers
CME Automatic Hammer

Boring No. 11, Page 2 of 2

SOIL BORING LOG

PAGE 2 of 2
DATE 1-19-2004
LOGGED BY BH
OBA JOB No. 03365

ROUTE Interstate 57 DESCRIPTION I-57 northbound over I-94 westbound ramp bridge improvements.
SECTION I-80 to I-94 LOCATION Northbound entrance ramp to I-94 at I-57 termination.
COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger, HAMMER TYPE CME Automatic

STRUCT. NO. 016-0072
Station: 238+00
BORING NO. S-11
Station: 240+83
Offset: 18.0' Right
Ground Surface Elev. 209.20

DEPTH (ft)	SOIL TYPE	REMARKS	DEPTH (ft)	SOIL TYPE	REMARKS
0		Surface Water Elev. 0/0	0		
0		Stream Bed Elev. 0/0	0		
0		Groundwater Elevation	0		
0		First Encounter	0		
0		Upon Completion	0		
0		After Hrs.	0		
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CLAY-gray-very stiff to hard (A-6)

CLAY LOAM with Fractured Rock-gray-very dense (A-6)

Drillers Observation: Apparent Bedrock
End of Boring @ -60.0'
Hollow Stem Augers
CME Automatic Hammer

SHT. S-047

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 57 (INTERSTATE 57)
I-57 NB OVER WB CONNECTOR
SN 016-0072 OLD, SN 016-2852 NEW
STA. 238+73.54
COOK COUNTY, SECTION (1516.1, 1717, & 1818) R-4
SOIL BORINGS III

DATE: 03/07/06

DRAWN BY: VV
CHECKED BY: RDS

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
802 N. MICHIGAN AVE., CHICAGO, IL 60610
TEL: 312.336.1000

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