

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**SOIL BORING LOG**

Page 1 of 1

Date 12/15/09

ROUTE Central Avenue DESCRIPTION Central Avenue over the North Branch  
Chicago River, Deerfield, Illinois LOGGED BY MG

SECTION LOCATION SEC. 32, TWP. 43N, RNG. 12E, 3<sup>rd</sup> PM

COUNTY Lake DRILLING METHOD Hollow Stem Auger HAMMER TYPE Auto

STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	D	B	U	M
Station		E	L	C	O	ft	E	L	C	O
BORING NO.	DEPTH	P	O	S	I		P	O	S	I
Station	H	T	W	Q	S	Groundwater Elev.:	H	W	Q	T
Offset	S					First Encounter	S			
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)		Upon Completion	(ft)	(/6")	(tsf)	(%)
						After				
						Hrs.				
049-6154	653.00						633.00			
SB-1										
	639.00									
4.5" Asphalt over 6.6" Recycled gravel	3									
	4									
	2									
	3									
	4									
	2									
	3									
	4									
	-5									
	1									
	2									
	3									
	4									
	7									
	8									
	3									
	7									
	9									
	3									
	5									
	8									
	-15									
	3									
	5									
	6									
	2									
	3									
	5									
	-20									

End of Boring  
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

DESIGNED	DYS
CHECKED	JPB
DRAWN	DYS
CHECKED	JPB



**SOIL BORING LOG**

Page 1 of 1

Date 12/15/09

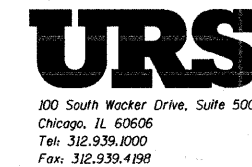
ROUTE Central Avenue DESCRIPTION Central Avenue over the North Branch  
Chicago River, Deerfield, Illinois LOGGED BY MG

SECTION LOCATION SEC. 32, TWP. 43N, RNG. 12E, 3<sup>rd</sup> PM

COUNTY Lake DRILLING METHOD Hollow Stem Auger HAMMER TYPE Auto

STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	D	B	U	M
Station		E	L	C	O	ft	E	L	C	O
BORING NO.	DEPTH	P	O	S	I		P	O	S	I
Station	H	T	W	Q	S	Groundwater Elev.:	H	W	Q	T
Offset	S					First Encounter	S			
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)		Upon Completion	(ft)	(/6")	(tsf)	(%)
						After				
						Hrs.				
049-6154	653.04									
SB-2										
	644.04									
	640.54									
	639.00									
	628.00									
	623.04									
	614.04									
FILL- Clayey topsoil, black	2									
	2									
	4									
	1									
	2									
	4									
	-5									
	3									
	3									
	2									
	5									
	8									
	-10									
	1									
	2									
	9									
	3									
	4									
	6									
	2									
	4									
	6									
	2									
	2									
	5									
	-15									
	3									
	4									
	6									
	2									
	3									
	5									
	7									
	8									
	11									
	5									
	-20									

End of Boring  
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



SOIL BORING LOG(S)  
STRUCTURE NO. 049-6161

SHEET NO. S-12  12 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		09-00085-00-BR	LAKE	22	20
	CONTRACT NO. 63584				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		