



SOIL BORING LOG

GSI Job No. 10025
Page 2 of 3
Date 3/25/13

ROUTE FAP 373 (IL 171) DESCRIPTION IL Route 171 from 47th St. to 55th St. LOGGED BY JZ
SECTION 2013-038B-R LOCATION NW 1/4, SEC. 13, TWP. T38N, RNG. R12E, 3rd PM
COUNTY Cook DRILLING METHOD MUD ROTARY HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev.		D P T H		B U L G E		S H E A R		P E N E T R O M E T E R			
								n/a	ft	n/a	ft	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
016-0488 22+90.24	SB-64 23+39	58.90ft Left	627.50					n/a	ft	n/a	ft								
				580.50	4	2.4	23	CLAY-brown & gray-stiff to very stiff (continued)		CLAY-gray-stiff (continued)									
				575.50	17	4.5	12	CLAY LOAM-gray-hard		SANDY CLAY LOAM-gray-dense		8		14		4.5		14	
				555.50	30	2.0	18	CLAY-gray-stiff		CLAY-gray-hard		9		13		5.4		20	
					21	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		13		17		2.0		18	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		17		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		21		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24		24		2.8		29	
					24	2.8	29	CLAY LOAM-gray-hard		CLAY-gray-stiff		24							