



SOIL BORING LOG

Page 1 of 1
Date 12/04

ROUTE FAP 302 (IL 336) DESCRIPTION IL 336 Retaining Wall at the Lemont River LOGGED BY M. Tuppen
SECTION 34-5 LOCATION SW 1/4, SEC. 16, TWP. 6 N, RNG. 6 W, 4 PM
COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	STATION	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	Flow Recorder	Up on Completion	Other	Ground Surface Elev.
034-2014	1296+25					518.0 ft	No Data ft	516.5 ft	No Data ft	No Data ft		517.7 ft
Brown and Gray to Brown and Dark Gray Mottled CLAY LOAM (FD) w/Cobbles and Tridac												
		1	0.5	20								
Dark Gray Mottled SILTY CLAY (Disturbed)												
		1	1.8	27								
Brownish Gray												
		2	0.8	28								
Brown and Gray												
		1	0.5	41								
Gray and Tan V. Mottled LOAM												
		1	0.2	20								
Brown and Gray V. Brown Weathered Crystalline LIMESTONE Fine Water												
		65										
Gray Crystalline LIMESTONE Boring Completed												
		200										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (S-Blade, S-Shear, P-Penetrometer, E-Estimate)
Abbreviations W.O.H. - Sampler Advanced by Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Sealing
The SPT (N) value is the sum of the last two blow values in each sampling zone (ASTM D-1586, from 137 (Rev. 8-99))



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034-2014	1296+25					518.0 ft	No Data ft	516.5 ft	No Data ft	No Data ft		517.7 ft
Dark Gray V. Mottled SILTY CLAY LOAM (FD)												
		1	0.5	26								
Gray Mottled SILTY CLAY LOAM (Disturbed)												
		1	0.5	27								
Brown V. Mottled CLAY LOAM w/ Broken Limestone Auger Refused at 8.5' - Begin Rock Core												
		20	0.4	29								
Corehole continued with rock casing.												

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ROCK CORE LOG

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ROUTE FAP 302 (IL 336) DESCRIPTION IL 336 Retaining Wall at the Lemont River LOGGED BY M. Tuppen
SECTION 34-5 LOCATION SW 1/4, SEC. 16, TWP. 6 N, RNG. 6 W, 4 PM
COUNTY Hancock CORING METHOD Christensen NCB Wireline w/Water

STRUCT. NO.	STATION	CORING BARRIL TYPE & SIZE	Core Diameter	Top of Rock Elev.	Depth Core Elev.	Ground Surface Elev.	R	R	COBS	S	T
034-2014	1296+25	NCE	1.80 in	518.00 ft	516.50 ft	517.70 ft	D	C	C	T	R
Gray Poor to Moderately Indurated Fossiliferous LIMESTONE w/interbedded Clayey SHALE Seams											
							1	21	20		
							2	100	79		700
							3	100	90		787
							4	100	100		770
							5	100	100		1000

Color pictures of the cores On Request
Cores will be stored for examination until 5 Years after Construction
The "Strength" column represents the material compressive strength of the core sample (ASTM D-1586)

HSA, form 128 (Rev. 8-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE STRUCTURE NUMBER 037-0069 STRUCTURE NUMBER 037-0069	
PROJECT FAP ROUTE 315 (IL 336/US 136) SECTION 34-5(5B) HANCOCK COUNTY STA. 1293+50.00(R) TO STA. 1297+00.00(R) STRUCTURE NUMBER 034-2521	PROJECT NO. 02076-R SCALE 9450 DATE 12/22/05 DRAWN BY TFG CHECKED BY BD/MCB DRAWING NO. 10
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	
OF 18 SHTS	