BORING LOG WC66-B01

Page 1 of 1

Wang Engineering
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 790-36-01
Client: TranSystems Corporation
Project: Illinois Route 47, Section IL 47B
Location: Mainline, Kendall Co.

Datum: NGVD
Elevation: 632.61 ft
North: 1755725.46 ft
East: 956892.23 ft
Station: 6367+74.71
Offset: 80.28 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Stiff, dark brown SILTY CLAY			1	4 4 4	1.50 P	25
	628.6	Dense, brown SILTY LOAM with rock fragments --WEATHERED BEDROCK--	5		2	9 17 28	NP	16
	627.1	--AUGER REFUSAL-- Boring terminated at 5.50 ft						
			10					
			15					

GENERAL NOTES

Begin Drilling: 08-13-2009 Complete Drilling: 08-13-2009
Drilling Contractor: WTS Drill Rig: D 120 ATV
Driller: K&J Logger: B. Wilson Checked by: C. Marin
Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING LOG WC66-B02

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Wang Engineering
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 790-36-01
Client: TranSystems Corporation
Project: Illinois Route 47, Section IL 47B
Location: Mainline, Kendall Co.

Datum: NGVD
Elevation: 633.58 ft
North: 1755718.43 ft
East: 956812.28 ft
Station: 6367+69.01
Offset: 0.26 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Very stiff, dark brown SILTY CLAY, little gravel			1	7 4 5	3.00 P	10
	628.6	Very dense, brown CLAYEY LOAM with rock fragments --WEATHERED BEDROCK--	5		2	8 9 50/4	NP	29
	628.6	Weak, very poor reddish brown weathered DOLOSTONE RECOVERY = 100% RQD = 0%			1	C O R E		
	628.6	Boring terminated at 10.00 ft	10					
			15					

GENERAL NOTES

Begin Drilling: 08-13-2009 Complete Drilling: 08-13-2009
Drilling Contractor: WTS Drill Rig: D 120 ATV
Driller: K&J Logger: B. Wilson Checked by: C. Marin
Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING LOG WC66-B03

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Wang Engineering
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 790-36-01
Client: TranSystems Corporation
Project: Illinois Route 47, Section IL 47B
Location: Mainline, Kendall Co.

Datum: NGVD
Elevation: 638.70 ft
North: 1755695.18 ft
East: 956729.14 ft
Station: 6367+47.27
Offset: 83.33 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	638.4	4-inch thick, CRUSHED STONE --SHOULDER--						
		Stiff, brown CLAY LOAM --FILL--			1	2 2 2	1.25 P	16
	636.2	Stiff, dark brown SILTY CLAY -- BURIED TOPSOIL--						
	634.7	Very stiff, brown and gray SILTY CLAY	5		2	2 3 4	1.75 P	32
					3	3 3 4	2.00 P	24
	629.7	--AUGER REFUSAL-- Boring terminated at 9.00 ft			4	50/4	--	
			10					
			15					

GENERAL NOTES

Begin Drilling: 08-14-2009 Complete Drilling: 08-14-2009
Drilling Contractor: WTS Drill Rig: D 120 ATV
Driller: K&J Logger: B. Wilson Checked by: C. Marin
Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

REVISED -	USER NAME =	DESIGNED - PSS	LIN ENGINEERING, LTD. Consulting Engineers Springfield, Illinois
REVISED -	FILE NAME =	CHECKED - VPT	
REVISED -	PLOT SCALE =	DRAWN - AJF	
REVISED -	PLOT DATE =	CHECKED - VPT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
STRUCTURE NO. 047–2562

SHEET NO. 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(109, 110)R-1	KENDALL	619	371

CONTRACT NO. 66B84

ILLINOIS FED. AID PROJECT