

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
F.A.P. 322	*	UNION	39	38
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

* (11-1VB)-1 CONTRACT NO. 98488

ILLINOIS DEPARTMENT OF TRANSPORTATION Bridge Foundation
District Nine Materials Boring Log
FAP Rte 332 (US 51) Over Drury Creek & ICRR Sheet 1 of 1
Route: FAP Route 332 Structure Number: 091-0021 Date: 09/06/2000
Section (11-1VB) DR Bored By: Bryan Keller
County: Union Location: 2.7 Mi S of Jackson/Union Co line Checked By: Rob Graeff

Boring No 1-8	D E P T H	B L O W	C u t	W %	Surf Wat Elev: 497.6	D E P T H	B L O W	C u t	W %	Ground Water Elevation when Drilling	Ground Water Elevation At Completion	Description	Recovery	RQD	Remarks
												ICRR Ballast Rock			
												Hard, dry, brown, Sandstone			
												Cored from 22.5 to 27.5 feet	82%		
												488.6			
												Hard, dry, grey, Sandstone			
												Cored from 27.5 to 32.5 feet	100%		
												508.6			
												Medium, very moist, grey mottled brown, Silty Clay A-6			
												488.6			
												Hard, dry, grey, Sandstone			
												Cored from 32.5 to 37.5 feet	100%		
												504.1			
												Soft to medium, very moist, brown, Silty Clay A-6			
												478.6			
												Hard, dry, grey, Sandstone			
												Cored from 37.5 to 42.5 feet	100%		
												501.6			
												Soft, very moist, grey, Silty Loam A-4 with Sand Loam seams			
												498.1			
												Loose to medium, moist, brown to grey, broken Sandstone gravel			
												473.8			
												Bottom of hole = 42.5 feet			
												494.6			
												Hard, dry, brown, Sandstone			
												483.6			
												Hard, dry, brown, Sandstone			
												Cored from 22.5 to 27.5 feet	82%		
												25.0			

N-Std Penr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)
Elevation referenced to plans
To convert "N" values to "N60" values multiply by 1.25

ILLINOIS DEPARTMENT OF TRANSPORTATION Bridge Foundation
District Nine Materials Boring Log
FAP Rte 332 (US 51) Over Drury Creek & ICRR Sheet 1 of 1
Route: FAP Route 332 Structure Number: 091-0021 Date: 09/07/2000
Section (11-1VB) DR Bored By: Bryan Keller
County: Union Location: 2.7 Mi S of Jackson/Union Co line Checked By: Rob Graeff

Boring No 2-8	D E P T H	B L O W	C u t	W %	Surf Wat Elev: 497.6	D E P T H	B L O W	C u t	W %	Ground Water Elevation when Drilling	Ground Water Elevation At Completion	Description	Recovery	RQD	Remarks
												Bituminous Shoulder			
												514.4			
												Stiff, moist, brown, Silty Clay A-6			
												515.4			
												Very stiff, moist, grey, Clay to Silty Clay A7-6			
												537.9			
												Medium, moist, brown mottled grey, Silty Clay A-6			
												512.4			
												Medium, moist, grey, Silty Clay to Silty Clay Loam A-6 with some Rotten Wood			
												536.4			
												Very stiff, moist, brown, Silty Clay A-6			
												508.9			
												Hard, dry, grey to brown Sandstone			
												532.9			
												Stiff, moist, brown mottled grey, Clay to Silty Clay A7-6			
												512.4			
												Cored from 33.5 to 38.5 feet	92%		
												503.9			
												Hard, dry, grey, Sandstone with Clay seams			
												532.9			
												Stiff, moist, brown, Silty Clay A-6			
												527.9			
												Cored from 38.5 to 43.5 feet	92%		
												528.4			
												Stiff, moist, brown, Silty Clay A-6			
												498.9			
												Bottom of hole = 43.5 feet			
												520.4			
												Stiff, moist, brown mottled grey, Silty Clay to Silty Clay Loam A-6			
												517.9			
												Bottom of hole = 43.5 feet			
												50.0			

N-Std Penr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)
Elevation referenced to plans
To convert "N" values to "N60" values multiply by 1.25

02/15/2005

DESIGNED	GLH
CHECKED	TML
DRAWN	RJN
CHECKED	TML

BORING LOGS
U.S. ROUTE 51 OVER TRIBUTARY TO
DRURY CREEK AND CN/IC RAILROAD
FAP 322 - SECTION (11-1VB)-1
UNION COUNTY
STATION 583+74.84
STRUCTURE NO. 091-0073