

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	296
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BORING LOGS



PROJECT P-92-096-84 BRIDGE Rock River Date 3/26/87 Sh.1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 372+20± Checked By CB

Elevation	N	Qu	w (%)	Surface Water El.	Groundwater El. at Completion	After Hours	Elevation	N	Qu	w (%)	Description
561.2				559.6							Ground Surface Barge Deck
559.6											WATER
552.3											SAND: brown; loose grades gray below 10.0'
548.7	17										A-3 SAND AND GRAVEL: medium dense
547.7	60										A-1-b
											BEGIN CORING @ 15.0'
											CLAY SHALE: dark gray to black; soft; fissile
											CLAY SHALE (cont.)
											Boring Terminated at 24.5'
											Rock Core 15.0' to 24.5'
											RUN #1 15.0' to 20.0'
											Recovery = 84% RQD = 50%
											RUN #2 20.0'
											Recovery = 98% RQD = 72%

N-Standard Penetration Test- Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - t/sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer

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PROJECT P-92-096-84 BRIDGE Rock River Date 3/24/87 Sh.1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 372+35± Checked By CB

Elevation	N	Qu	w (%)	Surface Water El.	Groundwater El. at Completion	After Hours	Elevation	N	Qu	w (%)	Description
561.2				559.6							Ground Surface Barge Deck
559.6											WATER
553.0											SAND: brown; very loose grades loose
548.2	6										A-3
546.7	61										SAND AND GRAVEL: gray A-1-b
											BEGIN CORING @ 16.5'
											CLAY SHALE: gray; soft; fissile
											few sandy laminae 3" Limestone band @ 17.5'
											Rock Core 16.5' to 21.5'
											Recovery = 72% RQD = 30%
											Boring Terminated at 21.5'

N-Standard Penetration Test- Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - t/sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer

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PROJECT P-92-096-84 BRIDGE Rock River Date 3/25/87 Sh.1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 373+90± Checked By CB

Elevation	N	Qu	w (%)	Surface Water El.	Groundwater El. at Completion	After Hours	Elevation	N	Qu	w (%)	Description
561.2				559.6							Ground Surface Barge Deck
559.6											WATER
554.7											SILT: dark gray; very soft
553.7	1										A-4
											SAND: trace shells; gray; loose to medium dense;
											little gravel below 12.5'
547.5	37										A-3
											BEGIN CORING @ 15.0'
											CLAY SHALE: dark gray; soft; fissile
											Rock Core 15.0' to 20.0'
											Recovery = 90% RQD = 90%
											Boring Terminated at 20.0'

N-Standard Penetration Test- Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - t/sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer

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