

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCK ISLAND	476	297
STA.		TO STA.		
FEB. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BORING LOGS



PROJECT P-92-096-84 BRIDGE Rock River Date 3/23/87 Sh.1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 374+00± Checked By CB
 COUNTY _____

Boring No.	Station	Offset	Elevation	N	Qu	W (%)	Surface Water El.	Groundwater El. at Completion	After _____ Hours	Elevation	N	Qu	W (%)
R-12	374+00±	40' L	559.6				559.6	N/A					
Ground Surface Barge Deck 561.2													
CLAY SHALE (cont.)													
WATER													
534.7													
Boring Terminated at 26.5' (See Boring R12A for Continuation to 35.5')													
SAND: gray; loose to medium dense													
grades greenish gray													
grades coarse													
A-3 549.2													
SAND & GRAVEL: gray; medium dense to extremely dense (angular limestone A-1-b gravel) 545.7													
Recovery = 84% RQD = 70%													
RUN #1 17.0' to 22.0'													
Recovery = 70% RQD = 30%													
RUN #2 22.0' to 26.5'													
Rock Core 17.0' to 26.5'													
BEGIN CORING at 17.0'													
CLAY SHALE: dark gray; soft; fissile													

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 - $\frac{1}{2}$ sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer

BD 137 (Rev. 4-78)

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PROJECT P-92-096-84 BRIDGE Rock River Date 4/1/87 Sh.1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 374+00± Checked By CB
 COUNTY _____

Boring No.	Station	Offset	Elevation	N	Qu	W (%)	Surface Water El.	Groundwater El. at Completion	After _____ Hours	Elevation	N	Qu	W (%)
R-12A	374+00±	40' L	559.7				559.7	N/A					
Ground Surface Barge Deck 561.3													
WATER													
534.8													
CLAY SHALE: dark gray; soft; fissile													
(NOT SAMPLED SEE R-12 for Soil & Rock Description to 26.5')													
325.8													
Boring Terminated at 35.5'													
Rock Core 26.5' to 35.5'													
RUN #1 26.5' to 31.5'													
Recovery = 84% RQD = 64%													
RUN #2 31.5' to 35.5'													
Recovery = 50% RQD = 36%													

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 - $\frac{1}{2}$ 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 4/2/87 Sh.1 of 1 Sh.
 ROUTE FAU 5822 Milan Beltway Bored By ETI
 SEC. 1-3 STA. 375+50± Checked By CB
 COUNTY _____

Boring No.	Station	Offset	Elevation	N	Qu	W (%)	Surface Water El.	Groundwater El. at Completion	After _____ Hours	Elevation	N	Qu	W (%)
R-13	375+50±	50' R	560.7				559.7	559.9					
Ground Surface 560.7													
MUCK: trace vegetation; dark brown & gray; very soft													
few sand lenses below 4.0'													
grades more clayey below 6.5'													
A-8/A-4 533.2													
SAND: some silt; gray; loose													
grades trace silt below 9.0'													
trace gravel below 11.0'													
A-3 547.7													
SHALE: dark gray													
Boring Terminated at 14.0'													

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 - $\frac{1}{2}$ 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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