

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 2002-022K	WILL	172	172
STA. 10+00 TO STA. 22+96.05		ILLINOIS FED. AID PROJECT	
CONTRACT NO. 62389			

Illinois Department of Transportation
SOIL BORING LOG
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 Date 12/30/03

ROUTE FAI 55 DESCRIPTION Bridge End-Slope Retaining Wall LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Very Stiff Gray SILTY CLAY w/trace coarse sand
																					Grades to Soft
																					Grades to Very Stiff Grayish-Brown
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
 BBS, from 137 (Rev. 8-99)

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ROUTE FAI 55 DESCRIPTION Bridge End-Slope Retaining Wall LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Very Stiff Gray SILTY CLAY w/trace coarse sand to fine gravel (continued) 2 inch S&S seam @ about 20.1 ft
																					Grades to Soft
																					Grades to Very Stiff Brown SILTY CLAY w/trace coarse sand to fine gravel
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
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ROUTE FAI 55 DESCRIPTION NE Frontage Road Retaining Wall LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Very Stiff Notched Brown & Black SILTY CLAY, Fill
																					Grades to Soft
																					Grades to Very Stiff Brown SILTY CLAY
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
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ROUTE FAI 55 DESCRIPTION Sign Truss LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Black SILTY CLAY
																					Grades to Soft
																					Grades to Very Stiff Brown SILTY CLAY
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
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ROUTE FAI 55 DESCRIPTION NE Frontage Road Retaining Wall LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Very Stiff Gray SILTY CLAY w/trace coarse sand
																					Grades to Soft
																					Grades to Very Stiff Brown SILTY CLAY w/trace coarse sand
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
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ROUTE FAI 55 DESCRIPTION Sign Truss LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Very Stiff Gray-Brown SILTY CLAY w/trace coarse sand to fine gravel (continued)
																					Grades to Soft
																					Grades to Very Stiff Brown SILTY CLAY w/trace coarse sand & fine gravel
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
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ROUTE FAI 55 DESCRIPTION Sign Truss LOGGED BY C. Goddard

SECTION 2002-022K LOCATION SW 1/4, SEC. 14, TWP. 137N, R10E, 3rd PM

COUNTY Will DRILLING METHOD Mobile B80, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	ft	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	Description
																					Very Stiff Notched Brown & Black SILTY CLAY
																					Grades to Soft
																					Grades to Very Stiff Brown & Gray SILTY CLAY
																					Grades to Gray

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
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ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

SCALE: N.T.S. DRAWN BY: CC
 DATE: 11/8/2004 CHECKED BY: RI

OCTOBER, 2004

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