

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 326	118 BR	Grundy	35	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract #66689

Illinois Department of Transportation
SOIL BORING LOG
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Date 11/13/03

ROUTE IL 47 DESCRIPTION Bridge over Drainage Ditch North of Mazon LOGGED BY Larry Meyers
SECTION 118BR LOCATION SEC. 3, TWP. 32N, RNG. 7E, 3rd PM
COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 032-0072
Station 705+82
BORING NO. 1
Station 705+59
Offset 39.00 ft LI
Ground Surface Elev. 587.23 ft

SOIL DESCRIPTION	DEPTH (ft)	DRILLING METHOD	HAMMER TYPE	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Time (Hrs.)	Blow Count (B)	Penetration (P)	Soil Type (S)	Moisture (%)	Other (%)
Augured Brown Clay Loam	0-2			565.36							14	4.5	9.9		
Hard Gray Shale, somewhat micaceous (continued)	2-42										31				
Stiff Brown/Gray Clay Loam Fill	42-58.23										42				
Very Stiff Gray Loam Till	58.23-64.23										44				
Hard Gray Micaceous Shale with interbedded fine grain gray micaceous SS	64.23-541.23										44				
End of Boring	541.23														
Very Stiff Gray Sandy Loam Till with fine sand layers	541.23-558.23										9	2.5	10.5		
Hard Gray Silty Loam (Slightly micaceous - weathered and reworked shales)	558.23-555.23										10				
Hard Gray Fine Micaceous SS with interbedded dark gray silt stone (finely bedded)	555.23-550.73										19				
Hard Gray Shale, somewhat micaceous	550.73-546.23										30				

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. 8-98)

Illinois Department of Transportation
SOIL BORING LOG
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Date 11/25/03


ROUTE IL 47 DESCRIPTION Bridge over Drainage Ditch North of Mazon LOGGED BY Larry Meyers
SECTION 118BR LOCATION SEC. 3, TWP. 32N, RNG. 7E, 3rd PM
COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 032-0072
Station 705+82
BORING NO. 2
Station 705+09
Offset 7.50 ft RI
Ground Surface Elev. 571.87 ft

SOIL DESCRIPTION	DEPTH (ft)	DRILLING METHOD	HAMMER TYPE	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Time (Hrs.)	Blow Count (B)	Penetration (P)	Soil Type (S)	Moisture (%)	Other (%)
Augured Bituminous Concrete and Black Clay	0-15			565.35							15	4.0	9.8		
Hard Gray Sandy Loam Till (continued)	15-25										25				
Stiff Brown Clay Fill	25-58.87										42				
Hard Gray Weathered Micaceous Shale	58.87-64.37										6				
Medium Black and Gray Clay Fill	64.37-567.37										4	2.0	18.6		
Hard Gray Silty Clay Loam Till	567.37-561.37										2				
Stiff Gray Sandy Clay Loam/Sandy Loam Till	561.37-560.37										2	0.5	24.7		
Hard Gray Sandy Loam Till	560.37-557.37										2	0.5	22.1		
Gray Micaceous Shale with interbedded fine SS and siltstone	557.37-542.87										37				
Hard Gray Silty Clay Loam Till	542.87-561.37										2				
Stiff Gray Sandy Clay Loam/Sandy Loam Till	561.37-560.37										5	4.1	17.7		
Hard Gray Sandy Loam Till	560.37-557.37										3				
End of Boring	557.37														
Hard Gray Sandy Loam Till	557.37-546.23										12	3.2	8.8		
	546.23-545.23										19				
	545.23-544.23										24				
	544.23-543.23										25	4.5	10.5		
	543.23-542.23										33				
	542.23-541.23										13				

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. 8-98)

BORING LOGS
IL ROUTE 47 OVER DRAINAGE DITCH
F.A.P. 326 - SECTION 118 BR
GRUNDY COUNTY
STA. 705+91.00
STRUCTURE NUMBER 032-2009

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