PROJECT South Scout Camp Road over Apple River Bridge, Jo Daviess County, IL

CLIENT Willett, Hofmann and Associates, Inc., Dixon, Illinois

BORING 2 DATE STARTED 2-12-10 DATE COMPLETED 2-17-10 JOB L-74,686

ELEVATIONS
GROUND SURFACE 695.7
END OF BORING 658.5

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 13.0'
▽ AT END OF BORING N/A - Wash Boring
▼ 24 HOURS

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
30										Very dense grayish-brown silty fine SAND and GRAVEL, wet (SM/GM) (possible weathered rock)
								33.0	662.7	
35		13	SS	46						Dense gray silty fine SAND, some gravel, wet (SM) (possible weathered rock)
								35.5	660.2	
		14	SS	100/2"						Hard drilling - probable bedrock
40										* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
										Roller bit used to advance boring from 33.5 to 37 feet.
45										
50										
55										
60										

DRILL RIG NO. 334

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

End of Boring at 37.2'

Page 2 of 2

TSC_BOR 74686.GPJ TSC_ALL.GDT 2/24/10

PROJECT South Scout Camp Road over Apple River Bridge, Jo Daviess County, IL

CLIENT Willett, Hofmann and Associates, Inc., Dixon, Illinois

BORING 2A DATE STARTED 2-17-10 DATE COMPLETED 2-17-10 JOB L-74,686

ELEVATIONS
GROUND SURFACE 695.7
END OF BORING 650.2

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING N/A - Wash Boring
▽ AT END OF BORING N/A - Wash Boring
▼ 24 HOURS

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0										
5										
10										
15										Blind drilled 2'N of Boring 2 to auger refusal at 34.5 feet. Blind drilled with roller bit to 35.5 feet.
										See Log of Boring 2 for soil descriptions.
20										
25										
30										

DRILL RIG NO. 334

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

End of Boring at 45.5'

Page 1 of 2

TSC_BOR 74686.GPJ TSC_ALL.GDT 2/24/10

PROJECT South Scout Camp Road over Apple River Bridge, Jo Daviess County, IL

CLIENT Willett, Hofmann and Associates, Inc., Dixon, Illinois

BORING 2A DATE STARTED 2-17-10 DATE COMPLETED 2-17-10 JOB L-74,686

ELEVATIONS
GROUND SURFACE 695.7
END OF BORING 650.2

WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING N/A - Wash Boring
▽ AT END OF BORING N/A - Wash Boring
▼ 24 HOURS

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
30										Blind drilled 2'N of Boring 2 to auger refusal at 34.5 feet. Blind drilled with roller bit to 35.5 feet.
										See Log of Boring 2 for soil descriptions.
35								35.5	660.2	
		RUN 1	RC							Tan to brown dolomitic Limestone, numerous vugs, some weathered zones and sandy limestone partings
40										
		RUN 2	RC							
45								44.5	651.2	Tan to brown vuggy Limestone with numerous weathered shale/clay zones
										Run 1; 35.5-40.5 feet Recovery = 87% RQD = 37%
50										Run 2; 40.5-45.5 feet Recovery = 76% RQD = 31%
55										
60										

DRILL RIG NO. 334

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

End of Boring at 45.5'

Page 2 of 2

TSC_BOR 74686.GPJ TSC_ALL.GDT 2/24/10

BORING LOGS
SCOUT CAMP ROAD OVER BR. OF APPLE RIVER
STATION 13+60 (S.N. 043-3276)
SECTION 09-00133-00-BR
JO DAVIESS COUNTY
WHA # 1169D09

STRUCTURAL SHEET NO. 12 OF 12 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	F.A.S. 73	09-00133-00-BR	Jo Daviess	48	32
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

FILE NAME = u:\PROJECTS\ 2009\ 1169D09_JoDaviessCo_ScoutCampRd\ DESIGN\ STRUCT\ Drawings\ 1169_Boring_Logs.dgn