

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 6/15/06

ROUTE US 20 DESCRIPTION P92-117-06 Box culvert on US 20, .6 m. E. of East Dubuque LOGGED BY W. Garza
SECTION LOCATION Dunleith Twp. - 28 SW, SEC., TWP. 29N, RNG. 2W
COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M	
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O	
BORING NO.	P	O	S	I	Groundwater Elev.:	P	O	S	I	
Station	T	W	S	T	First Encounter	H	S	Qu	T	
Offset	H	S	Qu	T	Upon Completion	(ft)	(6")	(tsf)	(%)	
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	After	Hrs.	(ft)	(6")	(tsf)	(%)
Road Rock					LOOSE brown fine SAND (continued)		1			
						78.60	5			
SOFT brown SANDY LOAM		2								
		2	0.3	17.0						
		1	P			76.10				
MEDIUM tan LIMESTONE fill		6			LOOSE brown medium SAND		2			
		8					3			
		7				73.60	4			
LOOSE tan LIMESTONE fill		8			Wash		4			
		1			MEDIUM brown medium SAND		6			
		6				71.10	8			
VERY SOFT brown LOAM		4			No Recovery		3			
		1	0.2	24.0			4			
		1	P			68.60	5			
MEDIUM brown SILTY CLAY LOAM		2			MEDIUM brown medium SAND		3			
		3	0.6	24.0			7			
		3	B			66.10	8			
VERY LOOSE brown dirty moist SAND		1			Wash		7			
		1			MEDIUM brown fine SAND		7			
		1				63.60	8			
VERY LOOSE brown fine SAND with SILT lens		1			Wash		6			
		2		31.0	No Recovery		9			
		2				61.10	12			
LOOSE brown fine SAND		1					3			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

The assumed ground surface elevation of 99.60 in the B-2 soil boring log corresponds to an actual elevation of 613.10.
Similarly, the assumed ground water elevation of 80.10 corresponds to an actual elevation of 593.60.
To convert from the assumed elevation datum used in the B-1 boring log to the project elevation datum, add 513.5 ft.

DESIGNED	MAS
CHECKED	BJM
DRAWN	TMF / JNH
CHECKED	BRT



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 6/15/06

ROUTE US 20 DESCRIPTION P92-117-06 Box culvert on US 20, .6 m. E. of East Dubuque LOGGED BY W. Garza
SECTION LOCATION Dunleith Twp. - 28 SW, SEC., TWP. 29N, RNG. 2W
COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M	
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O	
BORING NO.	P	O	S	I	Groundwater Elev.:	P	O	S	I	
Station	T	W	S	T	First Encounter	H	S	Qu	T	
Offset	H	S	Qu	T	Upon Completion	(ft)	(6")	(tsf)	(%)	
Ground Surface Elev.	(ft)	(6")	(tsf)	(%)	After	Hrs.	(ft)	(6")	(tsf)	(%)
Wash		8								
MEDIUM brown fine SAND (continued)	58.60	12								
Wash		5								
SOFT brown SILT		7	0.3	21.0						
	56.10	15	P							
Wash		1								
No Recovery		3								
	53.60	5								
End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

BORING LOG, B-2
STRUCTURE NO. 043-1076

Wight & Company
2500 North Frontage Road . Darien . IL 60561
630.969.7000 630.969.7979 fax
Design Firm Registration 184-000451

SHEET NO. 8 8 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	43T	JO DAVIESS	80	51
STA. 107+58.88 TO STA. 107+76.13			CONTRACT NO. 64C68		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

