

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	498	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

Time: 09:17:23 AM

Date: 11/23/2004

Filename: F:\643996\Structure\072-0183\Sheet\Tracings\BLO004-1A0720183.dgn

CLASSIFICATION		Depth	N	Q _v	w	Y _d	GROUNDWATER DATA			DRILLING METHOD			
			Bp0.15m	KPa	%	Kgpm ³	DATE	DEPTH	HOUR	RIG TYPE	CME-55		
GR SAND, A-3		14	15 27 33	15			DD 3-4	2.90				AUGER TYPE-DEPTH 0.08m HSA-14.6m	
		17	33 37	18			AAR 3-4	4.88	0			CASING TYPE-DEPTH -	
		15					WC 3-8	0.30	4d			SAMPLER TYPE AU-SS	
		174.22										END OF BORING	

CLASSIFICATION		Depth	N	Q _v	w	Y _d	GROUNDWATER DATA			DRILLING METHOD			
			Bp0.15m	KPa	%	Kgpm ³	DATE	DEPTH	HOUR	RIG TYPE	CME-55		
TOPSOIL FILL: BK BR SILTY CLAY LOAM, A-6		194.46					DD 3-4	11.89				AUGER TYPE-DEPTH 0.08m HSA-23.2m	
		187.46	4 5 3	285 19			NC 3-4	11.89	0			CASING TYPE-DEPTH -	
		187.77										SAMPLER TYPE AU-SS	
		187.01	2 3 4	95 14									
		191.58	2 3	115 15									
		184.73	6 7 10	140 19									
		185.20	4 7 10	285 18									
		182.75	4	200	23								
		182.44	6 8	260 25									
		182.44	5 4	165 26									

CLASSIFICATION		Depth	N	Q _v	w	Y _d	GROUNDWATER DATA			DRILLING METHOD			
			Bp0.15m	KPa	%	Kgpm ³	DATE	DEPTH	HOUR	RIG TYPE	CME-55		
BR GRAVELLY SAND, A-1-b		181.68	6 11 13	460 20			DD 3-4	11.89				AUGER TYPE-DEPTH 0.08m HSA-23.2m	
		174.06	8 10 10	290 22			NC 3-4	11.89	0			CASING TYPE-DEPTH -	
		173.30	5 7 7	200 22									
		172.53	8 8 10	285 23									
		171.93	5 10 10	200 21									
		177.87	3 10 20	21									
		177.11	3 8 9	18									
		176.34	8 15 20	18									
		175.58	13 15 20	490 16									

LEGEND

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|----------------------------|--|------------------------------------|---|--------------------------------------|--------------------------|--|
| A-1 to A-8 (and subgroups) | Engineering classifications of soil in accordance with AASHTO M 145 standard specification. | Q _v , kPa | Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification. | GROUNDWATER DATA | DRILLING METHOD | NOTES |
| Silty Clay Loam | Textural classification of soil in accordance with IDOT Triangular Chart. | w, % | Natural moisture content of soil and bedrock in percent determined in accordance with AASHTO T 265 standard specification and AASHTO T 265/ASTM D 2216 for bedrock. | DD Water Level During Drilling | FA Flight Auger | 1. The abbreviations, symbols and definitions in this Legend are commonly used and understood in the engineering and construction practices and are presented only for information and communication. |
| Laminated Coal Shale | Textural and engineering classification of bedrock in accordance with conventional practice. | Y _d , kgpm ³ | Dry unit weight of soil and bedrock in kilograms per cubic meter determined in accordance with standard practice. | BAR Water Level Before Auger Removal | RW Rotary Wash | |
| N, Bp0.15m | N-value or standard penetration test value. Number of blows required to drive a standard split-spoon sampler 0.15 m as conducted in accordance with AASHTO T 206 standard specification. | | | AAR Water Level After Auger Removal | HSA Hollow Stem Auger | 2. The Geotechnical Data presented in this Legend and on the Boring Logs are to be interpreted by personnel educated, trained, experienced and licensed to practice Geotechnical Engineering, and in direct communication with the Claude H. Hurley Company. |
| | | | | DC Dry Cave Level | AU Auger | |
| | | | | WC Wet Cave Level | SS Standard Split-barrel | |
| | | | | d Days | ST Thin-walled Tube | |
| | | | | h Hours | DB Core Barrel | |

Notes:
For additional boring logs of Boring No. SB-296, see Sheet 54.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
BORING LOGS IV			
RAMPS B-1 AND B-4 OVER F.A.I. ROUTE 74 (I-74) RAMPS A-3 AND B-3 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STATION 10+779.03 STRUCTURE NUMBER 072-0183			
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS			
DRAWING NO. 55	SCALE N.T.S.	DATE 2-18-03	SHEET NO. 55