

CLAUDE H. HURLEY COMPANY BORING LOG

PROJECT NO. 3-380-D4 BORING NO. RB-247 (CONT.)

PROJECT: FAI-74 IMPROVEMENTS - MAIN STREET CORRIDOR

LOCATION: RETAINING WALL NO. 82 RAMP K-2BL 10+381.3 2.8mR PEORIA & TAZEWELL COUNTIES, ILLINOIS

DRILLING CONTRACTOR: CENTRAL ILLINOIS DRILLING COMPANY

DATE OF DRILLING: STARTED 3-6-96 COMPLETED 3-6-96 SURFACE ELEVATION 158.26

DRILLED BY: S. SCOTT LOGGED BY: M. DENAULT

CLASSIFICATION	Depth	GROUNDWATER DATA				DRILLING METHOD	
		N	Q _u	W	T _d	DATE	DEPTH
GR, DK GR & GRN GR MASSIVE CLAY SHALE	25	100/	0.30	15			
144.45 END OF BORING	14						

RSV ENGINEERING, INC. BORING LOG SCHAUMBURG, ILLINOIS

JOB NO: 98600 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION BORING NO: RWK2-2

PROJECT: Interstate Route 74 Improvements - Peoria, Illinois STATION: 10+333

LOCATION: Retaining Wall Ramp K-2 SN 090-8513 OFFSET: 2.0m R

BORING RIG & METHOD: CME-75 w/Hollow Stem Augers SURF ELEV: 156.07

SOIL DESCRIPTION	ELEV.	DEPTH	SAMPLE FROM - TO	REC.	BLOW/30cm	q _s kPa	STRAIN %	WATER CONTENT %
Possible FILL: Br Clay Loam A-6; roots and random Silk seams noted	155.15		0.00-0.30	Auger 6				16
Medium Dense Br Silt A-4	154.85		0.30-0.76	457 13-16	431	+		15
Medium Dense Br Sand A-3	153.63		1.07-1.52	457 11-12	10			2
Very Stiff Br Clay Loam A-6	152.11		1.83-2.29	457 10-12	9			2
Medium Dense Br Sandy Loam A-2-4	151.34		2.59-3.05	457 11-15	326	15		15
Medium Dense Br Sand A-1-b	149.82		3.35-3.81	457 7-14	267	15		12
Medium Dense Br Sand A-3	147.82		4.11-4.57	457 13-15	10			9
Dense Br Sand A-1-b	146.77		4.88-5.33	457 9-10	7			4
Black COAL (thinly foliated)	146.18		5.64-6.10	457 7-10	7			3
Medium Stiff Gr Clay A-7-G (possible filled void); wood fragments noted	145.55	10	6.40-6.86	457 9-16	7			2
Gr Clayey SHALE (slightly to moderately lithified); Limestone fragments noted at 13.7m	145.55	10	7.16-7.62	457 8-12	7			3
			7.92-8.38	457 7-9	6			1
			8.69-9.14	457 13-18	10			9
			9.45-9.91	457 23-18	27			19
			10.21-10.67	457 11-16	1	48*		30
			10.97-11.03	51 100'				25
			11.73-11.77	25 100'				6

REMARKS: * Denotes Calibrated Piezometer Estimate

WATER Dry m ELEV. DURING DRILLING CORE SIZE mm DATE: Jun 20, 00

WATER m ELEV. AT COMPLETION CASING LENGTH m DRILLER: Fehl

WATER Dry m ELEV. AFTER 14 HRS CASING DIAMETER mm INSPECTOR: Reed

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Gr Clayey SHALE (slightly to moderately lithified); Limestone fragments noted at 13.7m	146.83	15	12.53-12.77	254	28-100/ 100mm	479	10	13
			13.26-13.59	330	32-54 3625			11
			14.02-14.39	356	25-58 3250	594	15	13
			14.94-15.24	305	50-112/ 150mm			8

Boring terminated at 15.2m

REMARKS: * Denotes Calibrated Piezometer Estimate

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WATER Dry m ELEV. AFTER 14 HRS CASING DIAMETER mm INSPECTOR: Reed

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL BORING DATA
 RETAINING WALL 82
 F.A.I. RTE. 74 (I-74)
 SECTION 90-11HB-5
 TAZEWELL COUNTY
 RAMP K-2 STATION 10+378 TO 10+507
 STRUCTURE NUMBER 090-8513

REVISIONS	
NO.	DESCRIPTION

LIN ENGINEERING, LTD.
 20 N. Chestnut
 Chatham, Illinois 62629
 (217) 483-4068 FAX (217) 483-4106
 Designed By: MTH Checked By: KING Drawn By: JMD
 Date: 06/20/00 File: r20420-52008513.dgn