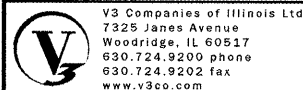


RSV ENGINEERING, INC		BORING LOG		SCHAUMBURG, ILLINOIS				
JOB NO: 98600	CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO: UPRR-1	STATION: 140+906WB	OFFSET: 4m Rt	SURF ELEV: 183.79			
PROJECT: Interstate Route 74 Improvements - Peoria, Illinois	LOCATION: I-74 Over Union Pacific Railroad SN 072-0002	BORING RIG & METHOD: CME-75 w/Hollow Stem Augers						
SOIL DESCRIPTION	ELEV.	DEPTH	SAMPLE FROM - TO	REC. mm	BLOWS/150mm	q _u kPa	STRAIN %	WATER CONTENT %
Probable FILL: Black Silty Loam A-4; Organic matter noted	183.57		0.00-0.30		Auger 4			31
Probable FILL: Br Sandy Loam A-4; Roots noted	182.87		0.30-0.76	432	3-4	77	15	21
Probable FILL: Br Sand A-1-b; Cobbles noted	182.11		1.07-1.52	457	12-19			4
Hard Br Loam A-6	181.35		1.83-2.29	457	8-12	393	15	13
Medium Dense Br Sand A-1-b	180.59		2.59-3.05	457	8-11			5
Dense to Very Dense Br Sand A-1-b; Cobble noted at 4.3m	179.06		3.35-3.81	457	13-18			3
		5	4.11-4.57	254	17-29			4
Medium Dense to Dense Br Sand A-1-b			4.88-5.33	457	11-14			4
	177.54		5.64-6.10	457	10-17			4
Medium Dense Br Sand A-1-b			6.40-6.86	457	10-12			8
	176.02		7.16-7.62	457	7-12			15
Medium Dense Br Sandy Loam A-2-4			7.92-8.38	457	6-8			13
	175.01		8.69-9.14	457	9-10	192	15	13
Very Stiff Gr Sandy Loam A-4			9.45-9.91	457	9-10	259		14
Dense Gr Silt A-4	173.94		10.21-10.67	457	8-12	211	15	12
	173.67	10	10.97-11.43	457	3-7	182	15	12
Very Stiff to Stiff Gr Loam A-4			11.73-12.19	457	4-7	163	15	12
REMARKS						*Denotes Calibrated Penetrometer Estimate		
WATER	7.6m ELEV.	176.17	DURING DRILLING	∅ CORE SIZE	mm	DATE:	Jun 23, 00	
WATER	m ELEV.		AT COMPLETION	∅ CASING LENGTH	m	DRILLER:	Fehl	
WATER	Caved at 7.3m ELEV.	176.47	AFTER 1/2 HRS.	∅ CASING DIAMETER	mm	INSPECTOR:	Reed	

RSV ENGINEERING, INC		BORING LOG		SCHAUMBURG, ILLINOIS				
JOB NO: 98600	CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO: UPRR-1	STATION: 140+906WB	OFFSET: 4m Rt	SURF ELEV: 183.79			
PROJECT: Interstate Route 74 Improvements - Peoria, Illinois	LOCATION: I-74 Over Union Pacific Railroad SN 072-0002	BORING RIG & METHOD: CME-75 w/Hollow Stem Augers						
SOIL DESCRIPTION	ELEV.	DEPTH	SAMPLE FROM - TO	REC. mm	BLOWS/150mm	q _u kPa	STRAIN %	WATER CONTENT %
Very Stiff to Stiff Gr Loam A-4			12.50-12.95	457	5-8	172	15	12
			13.26-13.72	457	5-7	182	15	11
	169.46		14.02-14.48	457	7-12	201	15	11
Very Stiff to Stiff Gr Clay Loam A-6		15	14.78-15.24	457	5-8	182	15	12
	168.40		15.54-16.00	457	7-10	230	15	11
Very Stiff Gr Loam A-4			16.31-16.76	457	13-12	354	15	10
	165.90		17.07-17.53	457	9-9	287	15	12
			17.83-18.29	457	26-36			4
Very Dense to Dense Br Sand A-1-a			18.59-19.05	457	29-31			5
			19.35-19.81	457	23-23			7
Cobble noted at 20.4m		20	20.12-20.57	305	19-32			4
Boring terminated at 20.6m								
REMARKS						*Denotes Calibrated Penetrometer Estimate		
WATER	7.6m ELEV.	176.17	DURING DRILLING	∅ CORE SIZE	mm	DATE:	Jun 23, 00	
WATER	m ELEV.		AT COMPLETION	∅ CASING LENGTH	m	DRILLER:	Fehl	
WATER	Caved at 7.3m ELEV.	176.47	AFTER 1/2 HRS.	∅ CASING DIAMETER	mm	INSPECTOR:	Reed	

Note: Conversion of boring logs to English is required.



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www.v3co.com

DESIGNED: B. Vegrzyn
CHECKED: Coombe-Bloxdorf
DRAWN: B. Vegrzyn
CHECKED: Coombe-Bloxdorf

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORINGS VI
STRUCTURE NO. 072-0001 & 072-0002

SHEET NO. 34 OF 34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-6VB	PEORIA	133	77
CONTRACT NO. 68874			ILLINOIS FED. AID PROJECT	