



PROJECT NO. 8.1500301		ID. I-304ER		COUNTY NEW ORANGE		GEOLOGIST A. BORE								
SITE DESCRIPTION Structure No. AB-34. Four hundred meters west of the flag pole, due east of the fire station.							GROUND WATER (m)							
BORING NO. BL CL-1		BORING LOCATION 6+227.3		OFFSET 5.0m LT		ALIGNMENT RP 'CD'								
COLLAR ELEV. 723.2 m		NORTHING 12,346		EASTING 67,543		0 HR. 7.6								
TOTAL DEPTH 22.0 m		DRILL MACHINE CME-750		DRILL METHOD ROTARY WASH		24 HR. 14.4								
DATE STARTED 4/16/01		COMPLETED 4/17/01		SURFACE WATER DEPTH 3.5		HAMMER TYPE MANUAL								
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80					100
725.73														Water Surface
														River Bed
721.78	0.45													722.23 0.00
721.23	1.00	4	2	2							SS-1			Earth Fill: Reddish-brown silty CLAY. (A-7-5)
		2	2	4							SS-2			
719.48	2.75													719.48 2.75
		2	3	3							SS-3			Earth Fill: Tan and gray silty CLAY to SAND with rock fragments at 4.2m. (A-7-5)
718.23	4.00													718.73 3.50
		7	6	4							SS-4			Tan and brown fine gravelly clayey SILT with very fine silica. (A-5)
716.73	5.50													
		2	3	2							SS-5			
715.23	7.00													
		3	2	3							SS-6			
713.73	8.50													
		1	2	2							SS-7			
711.98	10.25													
		2	3	3							SS-8			711.63 10.60
710.48	11.75													Brown and tan and gray clayey SILT. (A-5)
		6	8	14							SS-9			
708.98	13.25													709.13 13.10
		13	14	23							SS-10			Tan and gray fine sandy SILT. (A-4)
707.48	14.75													
		9	9	15							SS-11			

NCDOT BORE SINGLE NC_DOT.GPJ NC_DOT.GDT 12/29/03

