



N.C.D.O.T. GEOTECHNICAL UNIT
CORE BORING REPORT

SHEET 1 OF 1

PROJECT NO.		ID.		COUNTY		GEOLOGIST				
8.1500301		I-304ER		NEW ORANGE		A. BORE				
SITE DESCRIPTION							GROUND WATER (m)			
Structure No. AB-34. Four hundred meters west of the flag pole, due east of the fire station.							0 HR. 7.6			
BORING NO.		BORING LOCATION		OFFSET		ALIGNMENT				
BL CL-1		6+227.3		5.0m LT		RP 'CD'				
COLLAR ELEV.		NORTHING		EASTING		24 HR.				
723.2 m		12,346		67,543		14.4				
TOTAL DEPTH		DRILL MACHINE		DRILL METHOD		HAMMER TYPE				
22.0 m		CME-750		ROTARY WASH		MANUAL				
DATE STARTED			COMPLETED			SURFACE WATER DEPTH				
4/16/01			4/17/01			3.5				
CORE SIZE			TOTAL RUN			DRILLER				
NQ Wireline			3.88 m			I. CORE				
ELEV. (m)	DEPTH (m)	RUN (m)	DRILL RATE (Min/0.3m)	RUN REC. (m) %	RUN RQD (m) %	SAMP. NO.	STRATA REC. (m) %	STRATA RQD (m) %	LOG	DESCRIPTION AND REMARKS
										Begin Coring @ 18.12 m
704.11	18.12	0.73	2:34	(0.42)	(0.11)	RUN-1	(0.80)	(N/A)		
703.38	18.85		2:48	58%	15%		65%			
703.23	19.00	1.50	0:58/0.13 N=59/15	(1.20)	(0.40)	SS-14 RUN-2				702.73 19.50
			3:21	80%	27%		(2.00)	(0.70)		Tan LIMESTONE highly weathered and fractured, weak
			3:28				80%	28%		
			3:15							
701.73	20.50		2:12							
		1.50	3:48							
			4:32	(1.30)	(0.50)	RUN-3				2 jts at 5°, ADS=0.31 m, ADT=0.00m
			4:48	87%	33%					3 jts at 5-10°, ADS=0.10 m, ADT=0.00m
			3:24							5 jts at 5-10°, ADS=0.05 m, ADT=0.00m
700.23	22.00		3:45							700.23 22.00
			5:03							Boring Terminated at Elevation 700.23 m
										Hole backfilled with cuttings 48 hours after completion.