

Project: Highway 7 Widening and Rehabilitation
Client: Regional Transportation Authority
Location: Kitchener, Ontario
Project No.: HWY-2026-041

Logged By: M. Engineer

**Your Company
Information Here**

[illegible]

Boring No.: BH-H01 Highway Investigation**Project:** Highway 7 Widening and Rehabilitation**Client:** Regional Transportation Authority**Location:** Kitchener, Ontario**Project No.:** HWY-2026-041**Started:** 2026-08-14**Finished:** 2026-08-16**Drilling Contractor:** Roadway Geotechnical Drilling Ltd.**Drilling Method:** Pavement coring and hollow-stem auger with standard penetration testing**Logged By:** M. Engineer**Your Company
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Pavement, Subgrade and Sampling									Index Testing				Pavement/Subgrade Properties		Remarks
Depth (m)	Elev. (m)	Sample No.	Sample Type	Recovery (%)	N-Value	USCS	Lithology	Material Description	Water Content %	Liquid Limit %	Plastic Limit %	Plasticity Index %	CBR (%)	Dry Density (kg/m3)	Remarks
									20 40 60	25 50 75	15 30 45	15 30 45			
16.0	166.400	SS-11	SS	91	23			Brown-grey sandy gravel glacial till; dense to very dense and competent, with cobbles.					8	1880	Transition to dense, competent glacial till; frequent cobbles slowed drilling progress.
17.0														1850	
18.0		SS-12	SS	90	26										
19.0														1890	
20.0		SS-13	SS	89	29										
21.0														2120	
22.0		SS-14	SS	78	34										
23.0														2160	
24.0		SS-15	SS	76	39										
25.0														2190	
26.0	156.400	SS-16	SS	74	43								28		
27.0														2170	
28.0		SS-17	SS	72	47										
29.0														2210	
30.0		SS-18	SS	68	50										
														2200	
		SS-19	SS	65	55										
														2230	
		SS-20	SS	62	60										SPT refusal conditions approached in very dense competent glacial till.