

TEST PIT LOG: TP-01 Environmental Test Pit

CLIENT: Brownfield Redevelopment Corporation

PROJECT: Environmental Examples

DATE EXCAVATED: 2026-08-25

LOCATION: Kitchener, Ontario

PROJECT NO.: Environmental Examples

GROUND ELEVATION: 312.6

EXCAVATION METHOD: Hydraulic excavator with cleanout bucket

PIT DIMENSIONS (L x W): 8 ft x 4 ft

GROUNDWATER / SEEPAGE: None observed. Stable above 7 ft.

Depth (ft)	Elev. (ft)	Graphic Log	Material Description		Sample ID	Sample Type	USCS	Moisture Consistency	PID / VOC (ppm)	Excavation Observations	Remarks Photo Ref.
0.0	312.6		Ground Surface								
	312.1		ASPHALT CONCRETE; dense, intact, dark grey. Dark grey				N/A	Dense / intact		Pavement saw-cut; base removed cleanly	Photos TP-01-01 to TP-01-03 document surface and excavation setup.
1.0	311.4						GW	Moist / dense			
							SP-SM	Moist / compact	3.2	Scattered brick and concrete fragments	
2.0			GRANULAR BASE; crushed limestone, dense, grey, moist. Grey	1.5							
				2	TP1-01	GRAB					
3.0			SAND AND GRAVEL FILL; compact, brown, moist, trace brick and concrete fragments. Brown	3					18.5		
	309.1										
4.0						TP1-02	GRAB				
				3.5							
5.0			SILTY SAND FILL; loose to compact, dark brown, moist to wet, petroleum odour and localized black staining. Dark brown	4.5			SM	Moist to wet / loose to compact		Petroleum odour; black staining from 4.2 to 5.0 ft	TP1-03 submitted for BTEX and petroleum hydrocarbon analysis.
6.0											
						TP1-03	GRAB			146	
7.0	305.6			6							
				6.5	TP1-04	GRAB			42		
8.0			SILTY CLAY; firm to stiff, grey, wet, low plasticity; native soil. Grey	8							Minor sidewall seepage first observed during excavation.
9.0						TP1-05	GRAB			6.8	
	302.6			8.5							
10.0			SANDY SILT TILL; dense, grey-brown, moist, with gravel and occasional cobbles. Grey-brown	10.5							
								ML	Moist / dense		Hard digging; gravel and occasional cobbles
11.0						TP1-06	GRAB			1.2	
12.0	300.6										Test pit terminated on dense till; backfilled and pavement patched.
			End of Test Pit								
13.0											
14.0											
15.0											

EXCAVATED BY: Environmental Excavation Services Ltd.

LOGGED BY: A. Environmental Scientist

TERMINATION / REFUSAL: Terminated at 12.0 ft on dense till with cobbles

BACKFILL / RESTORATION: Backfilled with excavated soil; paver

NOTES / SAFETY OBSERVATIONS: Utility clearance completed; no confined-space entry