

Enviro Septic System
 b Runs 35 Ft on 36 inch
 centres
 Raised 2 Feet above existing
 grade



April 1, 2025

Dale Ottewell Construction & Logging Ltd.
447595 Concession 10
Feversham, Ontario
N0C 1C0

Attn: Dale Ottewell

RE: 51 Sunset Blvd., Thornbury
Determination of Estimated T-Time

GEI Consultants Canada Ltd. (GEI) was provided with one (1) soil sample on March 28, 2025 to complete a grain size analysis to determine the percolation rate of the tested soil (T-Time analysis).

The delivered sample was identified as shown below. Exact location and depth of sample was not provided.

- 51 Sunset Blvd., Thornbury

A grain size distribution curve was developed by testing the above referenced soil sample in accordance with ASTM D6913 Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis. The result of the laboratory test and graphical representation of the grain size analysis is enclosed.

Determination of percolation rate is based on the "*Ministry of Municipal Affairs and Housing (MMAH) Supplementary Guidelines SB-6, Percolation Time and Soil Descriptions, September 14, 2012*". Based on this document, a summary of the result and the estimated percolation rate of the soil is as follows:

Client Reference	GEI Lab No.	Soil Description (MIT)	USCS Soil Classification	Estimated Percolation Rate or "T-Time" (mins/cm)	Fines Content
51 Sunset Point	8986	SAND, Trace Silt	S.P.	5 mins/cm	5.3%

It is noted that percolation time not only varies based on the grain size distribution but is also influenced by other soil characteristics such as the density and structure of the soil, the percentage/mineralogy of clay, the plasticity of the soil, the organic content of the soil, and the groundwater table level which are not expressly calculated as part of a grain size analysis.



SAND

GRAIN SIZE DISTRIBUTION - 51 Sunset Blvd, Thornbury

DATE April 2025

REF. No. 2101953

FIGURE No. -

GEI Lab No.

8986

SAND, Trace Silt

Description

Gr.

Sa.

Sl.

Cl.

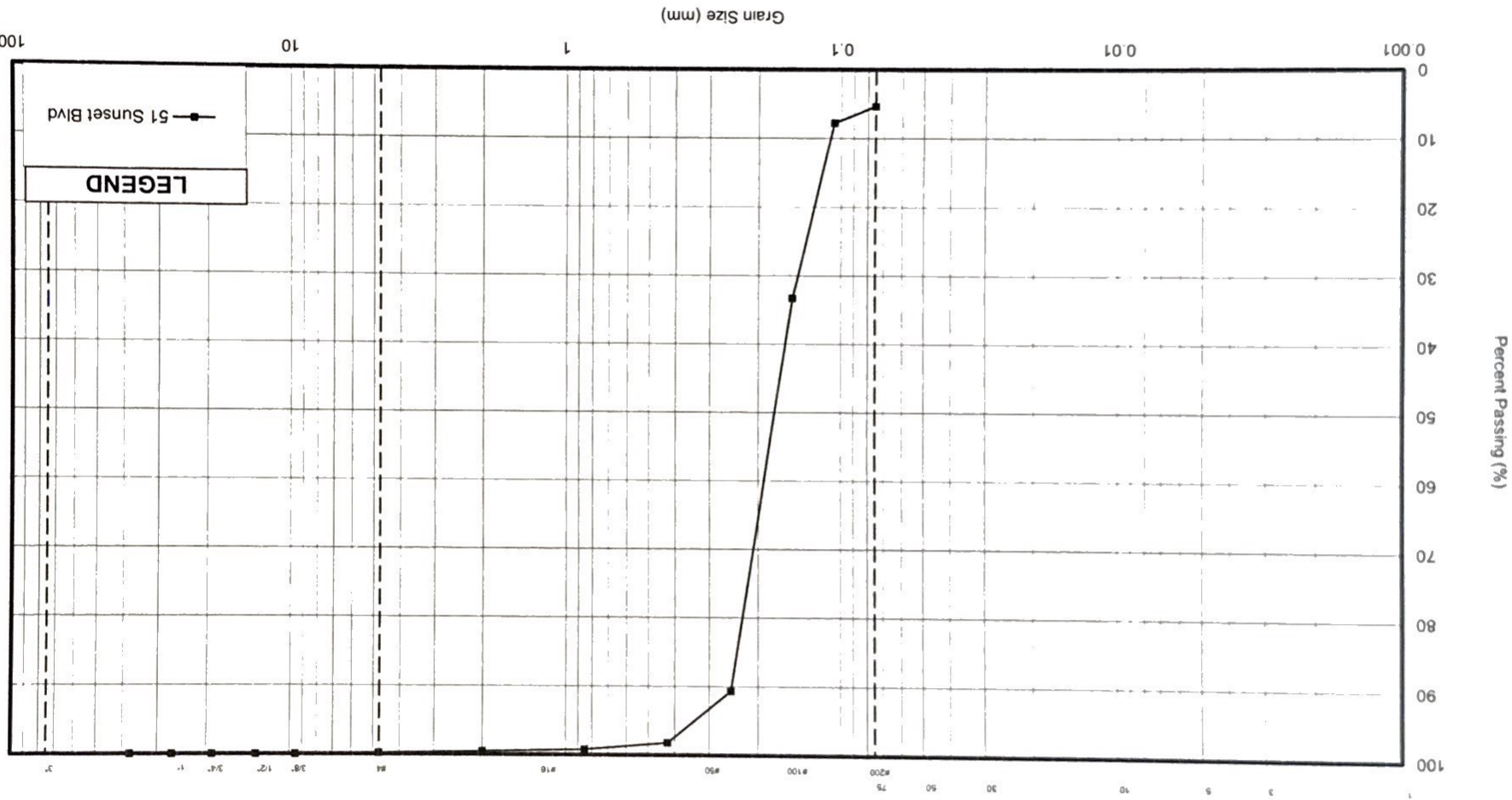
D₁₀

D₃₀

D₆₀

C_u

C_c



LEGEND

51 Sunset Blvd

CLAY AND SILT			SAND		GRAVEL
			Fine	Coarse	Fine
					Coarse

UNIFIED SOIL CLASSIFICATION SYSTEM

SIEVE DESIGNATION (IMPERIAL)

GRAIN SIZE IN MICROMETERS



CONSTRUCTION & LOGGING LTD.

447595 CON., 10 • FEVERSHAM • ONT • N0C 1C0 • 519-922-3450

DATE: April 6/25

SOLD TO: Vince Macchia macchiau@icloud.com
416-278-6323

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