



May 26, 2022

RE: Soil tests - #25 Oak Avenue, Asr. Pcl. 7-187, VLSE Job No. 576-1

Dear Mr. Dias,

On May 25, 2022 I completed two deep soil observation holes on the above referenced lot in effort to determine the suitability of the existing soils to support an onsite septic system. Soil conditions found are tabulated below:

Soil Observation Hole #1 – May 25, 2022		
Soil Evaluator: Reid G. Silva, PE		
Depth from surface	Soil horizon	Description
0-10"	A	Sandy Loam (topsoil)
10"-50"	B	Loamy Sand
50"-126"	C	Med. – coarse sand
No Groundwater Found at 120"		
Percolation Rate: Less than 5 M.P.I. @ 50"		

Soil Observation Hole #2 – May 25, 2022		
Soil Evaluator: Reid G. Silva, PE		
Depth from surface	Soil horizon	Description
0-10"	A	Sandy Loam (topsoil)
10"-44"	B	Loamy Sand
44"-120"	C	Med. – coarse sand
No Groundwater Found at 120"		
Percolation Rate: Less than 5 M.P.I. @ 44"		

It is my opinion that the existing soil conditions are suitable to support the installation of a 5 bedroom onsite septic system on this lot. The size, shape and location of proposed structures, and distances to property lines will need to be considered during the design a septic system on this property to ensure required separation distances are maintained. If you have any questions or concerns regarding this matter, please feel free to give me a call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Reid G. Silva'.

Reid G. Silva, PE PLS
Professional Engineer
Professional Land Surveyor