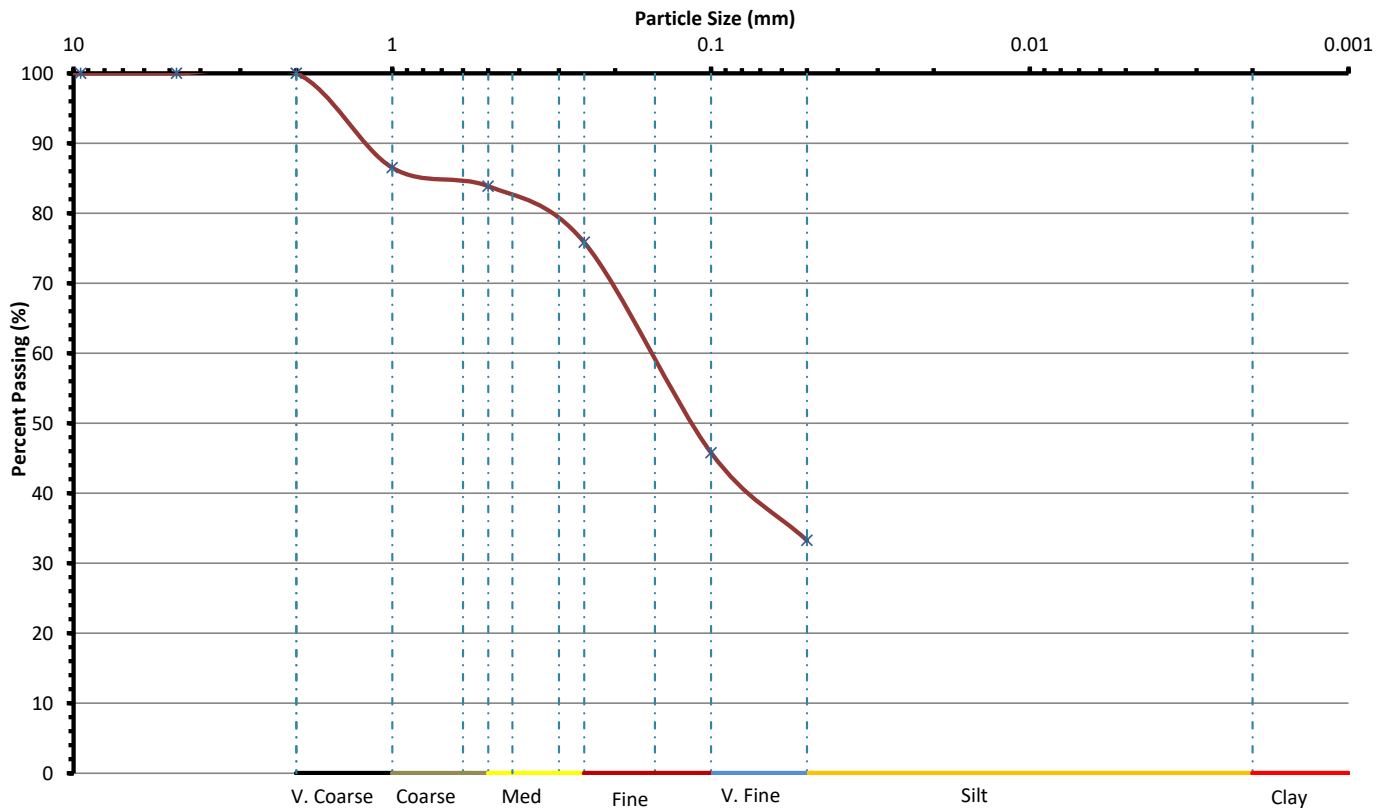


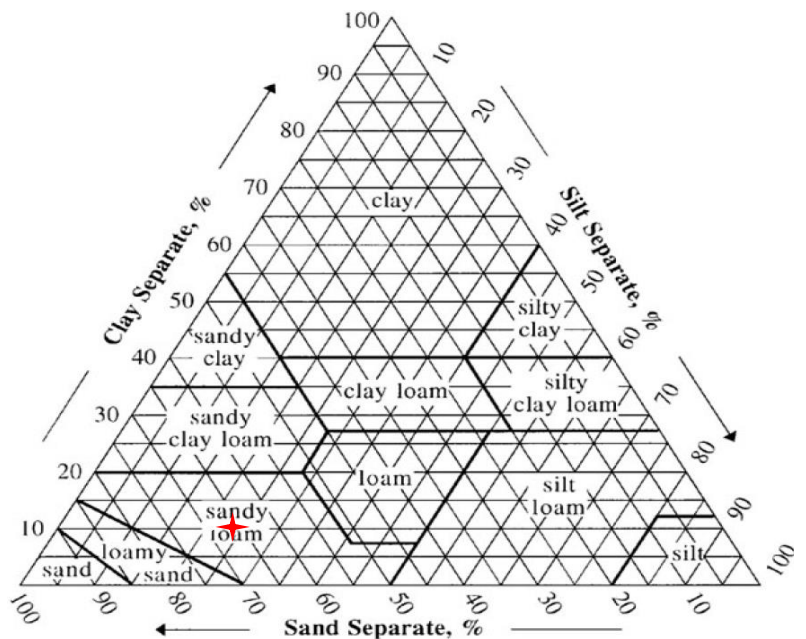
Particle Size Analysis Report



Project	Blackbush Central On-Site Sewage Disposal System	Project #	210913
Client	Engineering Technologies Canada	Material	Insitu Soil
Location	Grand Tracadie, Prince Edward Island	Source	TP21-3 70 cm BGS
Contractor	APM MacLean	Sample ID	210913-02
Test Date	29-Sep-21	Sample Date	18-Aug-21



Soil Category	Size Range	Sample % Wt.
Very Coarse Sand	1.0 - 2.0 mm	13.49
Coarse Sand	0.5 - 1.0 mm	2.64
Medium Sand	0.25 - 0.5 mm	8.03
Fine Sand	0.10 - 0.25 mm	30.05
Very Fine Sand	0.05 - 0.10 mm	12.53
Silt	0.05 - 0.002 mm	33.24
Clay	<0.002 mm	



Comments

Material can be classified as Fine Sandy Loam based on the US Department of Agriculture Natural Resources Conservation Service Soil Texture Calculator (www.nrcs.usda.gov/wps/portal/nrcs/detail/?cid=nrcs142p2_054167).



LABORATORY SERVICES
Agriculture and Food Laboratory

FINAL Report
Submission# **23-040747**
Reported: 2023-Jun-01

Submitted By:

Client ID: 1060594

ENGINEERING TECHNOLOGIES

KELLY GALLOWAY
16 MYTLE ST
UNIT 1
STRATFORD, PE C1B 2N2

Owner:

KELLY GALLOWAY

Phone: 902 628-1705
Fax: 902 628-1703
Sampling Date: Not given
Received Date: 2023-May-17

Particle Size Method ID:CHEM-173

Date Authorized: 2023-Jun-01 14:08

Sample ID	Client Sample ID	Specimen type	Sampling date / time	Test	Result	Units	Note
0001	5A	Soil		Gravel	7.2	%	
0001	5A	Soil		Sand	57.8	%	
0001	5A	Soil		Very Fine Sand	13.4	%	
0001	5A	Soil		Fine Sand	20.0	%	
0001	5A	Soil		Medium Sand	13.6	%	
0001	5A	Soil		Coarse Sand	6.9	%	
0001	5A	Soil		Very Coarse Sand	3.9	%	
0001	5A	Soil		Silt	34.8	%	
0001	5A	Soil		Clay	7.5	%	
0001	5A	Soil		Texture	Fine sandy loam		
0002	5C	Soil		Gravel	0.4	%	
0002	5C	Soil		Sand	49.6	%	
0002	5C	Soil		Very Fine Sand	9.1	%	
0002	5C	Soil		Fine Sand	21.0	%	
0002	5C	Soil		Medium Sand	15.5	%	
0002	5C	Soil		Coarse Sand	2.7	%	
0002	5C	Soil		Very Coarse Sand	1.2	%	

FINAL ReportSubmission# **23-040747**

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Particle Size Method ID:CHEM-173

Date Authorized: 2023-Jun-01 14:08

0002	5C	Soil	Silt	33.0	%
0002	5C	Soil	Clay	17.3	%
0002	5C	Soil	Texture	Loam	
0003	BB	Soil	Gravel	0.0	%
0003	BB	Soil	Sand	63.1	%
0003	BB	Soil	Very Fine Sand	15.7	%
0003	BB	Soil	Fine Sand	39.1	%
0003	BB	Soil	Medium Sand	7.5	%
0003	BB	Soil	Coarse Sand	0.5	%
0003	BB	Soil	Very Coarse Sand	0.3	%
0003	BB	Soil	Silt	30.4	%
0003	BB	Soil	Clay	6.6	%
0003	BB	Soil	Texture	Fine sandy loam	

Supervisor: Nicolaas Schrier MSc, Agriculture and Food Laboratory 519 823 1268 ext. 57215 nschrier@uoguelph.ca

These test results pertain only to the specimen(s) or sample(s) received and tested.
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