



**FIGURE TM 4-1
SUITABILITY OF SOILS
FOR ON-SITE
SEPTIC SYSTEMS**

GENERAL SOILS CLASSIFICATION

UNIT	SURFICIAL MATERIALS	DEFINITION / INTERPRETATION
1.	(Cv/R)	(Bedrock Controlled Terrain) Sandy, silty, where over bare to thinly mantled bedrock. frequent bedrock outcrops. Veneer is frequently much less than 4 feet thick and soil may exhibit low to moderate permeability
2.	(Cb/R)	(Bedrock Controlled Terrain) Sandy, silty, blanket over bedrock, less frequent outcrops of bedrock than Unit 1. Blanket may exceed 4 feet thick and soil may exhibit low to moderate permeability
3.	(T)	Moraine TILL, upper weathered portion, up to 4 feet thick and usually consists of permeable sandy, silty soil. In some localized undisturbed areas may be overlain by a veneer of massive sandy soil. Underlying material is relatively impervious, usually composed of a very dense heterogeneous mixture of silt, sand and stones.
4.	(G)	Sandy, gravely GLACIOFLUVIAL soils. Generally, very permeable, sand and gravel with minor silt, usually greater than 4 feet thick. Ancient Sooke River deposited material, generally at higher elevations than the present river.
5.	(F)	Recent FLUVIAL (flood plain) gravel, sand and silt, generally greater than 4 feet thick. This material is found along the current Sooke River and lower DeMarnis Creek elevations. Generally permeable, but may be subject to seasonal high water table and flooding.
6a & 6b.	(Mv) (Mb)	MARINE clay (dominates), but some silt and sand deposited as a veneer (clay generally less than 4 feet thick or buried (Mb), generally greater than 4 feet thick overlying an adjacent above material.
7.	(C)	Organic deposits, swamps, slough, etc. (high water table)

LEGEND

PROBABILITY OF FINDING SOILS SUITABLE FOR NORMAL ON-SITE SEPTIC SYSTEMS

- GOOD
- FAIR TO GOOD
- FAIR
- POOR
- VERY POOR
- DISTRICT OF SOOKE BYLAW NO. 147 SOOKE CORE SEWER SPECIFIED AREA

NOTES:

1. Soil classification is general in nature, mapped from 1:20,000 air photos with support of published surficial geological and soils mapping and local project information. Field checking consisted of vehicle and minor foot traverse reconnaissance.
2. Within any one polygon, a minor occurrence of other soils may exist but cannot be defined at this level of mapping.
3. Base taken from scans of 1:20,000 T.R.J.M. Sheets 92B.032 and 92B.042

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