

**Results of a landscape analysis for the Saanich Peninsula,
 to integrate topography and soil information for restoration planning**

Table 2. LANDFORMS OF THE SAANICH PENINSULA

Steeply-sloping (mountainous) to Undulating (coastal bluffs) Bedrock Land Types

Soil texture	Drainage	pH (B)	Nutrient Status (N/P)	Probable Native Vegetation	% of Total Area
Thin stony soils and soil pockets over bedrock	Generally shedding sites but with local seasonal pooling.	5.9	Poor	Northerly aspects: Douglas-fir, Western redcedar, Western hemlock, Pacific yew, Indian plum, swordfern, deer fern. Southerly aspects: Douglas-fir, Arbutus, Garry oak, ocean-spray, dull Oregon-grape, Saskatoons, Nootka rose, coastal strawberry. Vernal pools, maritime meadows.	32

Sloping to Undulating Soil Land Types.

Soil texture	Drainage	pH (B)	Nutrient Status (N/P)	Probable Native Vegetation	% of Total Area
Gravelly, sandy loam over coarse glacial till.	Well drained	5.9	Good	Garry oak meadows with Douglas-fir/ Grand fir succession	12

Gently-sloping to Level Soil Land Types.

Soil texture	Drainage	pH (B)	Nutrient Status (N/P)	Probable Native Vegetation	% of Total Area
Gravelly, sandy-loams over coarse-textured marine materials.	Well drained	5.8	Good to moderate	Garry oak/Douglas-fir meadows	17

Environmental factors and their influence on species selection and site design.
 John Dick, GOERT Native Plant Propagation Subcommittee

Permeable clay over compact fine-textured marine materials.	Well drained above a hard pan.	5.7	Good	Douglas-fir, Arbutus, snowberry, salal, dull Oregon-grape, baldhip rose, bracken fern.	26
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Level to Depressional Soil Land Types.

Soil texture	Drainage	pH (B)	Nutrient Status (N/P)	Probable Native Vegetation	% of Total Area
Loamy clay over fine-textured marine materials.	Poor	5.2	Fair to good	Western redcedar, red alder, bigleaf maple, western hemlock, Indian-plum, red elderberry, willows.	10
Organic muck	Poor	5.6	Fair	Red alder, willows, hardhack, sedges, grasses.	2

Miscellaneous Land Types: Tidal Flats and Beaches

Drainage	pH (B)	Nutrient Status	Probable Native Vegetation	% of Total Area
Tidal Flats: Poor drainage	n/a	High nutrient levels, brackish soils	Sedges, grasses (<i>Hordeum</i> , <i>Distichlis</i> , <i>Deschampsia</i>), Pacific silverweed, Nootka lupine.	<1
Beaches: Excessive to poor drainage	n/a	poor	Beach pea, seashore lupine, grasses (<i>Deschampsia</i> , <i>Aira</i> , <i>Puccinellia</i> , <i>Elymus</i>)	<1