4. DETAILED MAP UNIT DESCRIPTIONS AND CAPABILITY RATINGS

4.1 Summary of land capability ratings

Note: the reader is referred to the map unit table on the specific land capability map to ascertain the reason(s) for ratings of 3, 4 or 5.

Dga Devonian granitic crest/ridge/spur C ₃ T ₃ S ₃ 3 5 4 3 Dgb Devonian granitic steep slope C ₃ T ₃ S ₃ 5 5 5 5 Dgc Devonian granitic moderate slope C ₃ T ₃ S ₄ 3 4 4* 4 Dge Devonian granitic drainage depression C ₃ T ₃ S ₄ 3 4 2 4 Dgg Devonian granitic drainage depression C ₃ T ₂ S ₄ 2 4 3 3 4 Dgp Devonian granitic plateau C ₃ T ₂ S ₄ 2 4 3 3 3 4 Dra Devonian rhyodacite setep slope C ₃ T ₃ S ₅ 5 5	MAP UNIT		LAND CAPABILITY RATING				
Dgb Devonian grantitic steep slope C₂T₂S₂ 5 5 5' 5 Dgc Devonian grantitic moderate slope C₃T₄S₄ 3 4 4' 4 Dge Devonian grantitic gentle slope C₃T₄S₄ 3 4 2 4 Dgg Devonian grantitic drainage depression C₃T₂S₄ 4 5 3 4 Dgp Devonian grantitic plateau C₃T₂S₄ 2 4 3 3 3 Dra Devonian rhyodacite crest/ridge C₃T₄S₃ 5 5 5 5 3 5 15' 5 3 5 15' 5 3 5 15' 5<	Symbol	Description	Agriculture				Susceptibility to erosion
Dgc Devonian granitic moderate slope C ₃ T ₃ S ₄ 3 4 4* 4 Dge Devonian granitic gentle slope C ₃ T ₃ S ₄ 3 4 2 4 Dgg Devonian granitic drainage depression C ₃ T ₂ S ₄ 4 5 3 4 Dgp Devonian granitic plateau C ₃ T ₂ S ₄ 2 4 3 3 Dra Devonian rhyodacite crest/ridge C ₃ T ₂ S ₄ 5 5 5 5 Dra Devonian rhyodacite steep slope C ₃ T ₂ S ₄ 5 5 5 5 Drc Devonian rhyodacite slope C ₃ T ₂ S ₄ 3 5 4* 5 Drc Devonian rhyodacite gentle slope C ₃ T ₂ S ₄ 3 5 4* 5 Drc Devonian rhyodacite gentle slope C ₃ T ₂ S ₄ 5 5 5 5 Drc Devonian rhyodacite gentle slope C ₃ T ₂ S ₄ 3 4 4* 4 Osb Ordovician sedimentary sleps slope <td< td=""><td>Dga</td><td>Devonian granitic crest/ridge/spur</td><td>C₃T₃S₅</td><td>3</td><td>5</td><td>4</td><td>3</td></td<>	Dga	Devonian granitic crest/ridge/spur	C ₃ T ₃ S ₅	3	5	4	3
Dge Devonian granitic gentle slope C,T,S,L 3 4 2 4 Dgg Devonian granitic drainage depression C ₃ T ₂ S ₄ 4 5 3 4 Dgp Devonian granitic plateau C ₃ T ₂ S ₄ 2 4 3 3 Dra Devonian rhyodacite crest/ridge C ₃ T ₅ S ₈ 5 5 5 5 Drb Devonian rhyodacite steep slope C ₃ T ₅ S ₈ 5 5 5 5 Drc Devonian rhyodacite gentle slope C ₃ T ₅ S ₈ 5 5 5 5 Dre Devonian rhyodacite gentle slope C ₃ T ₅ S ₈ 3 5 4* 5 Osb Ordovician sedimentary steep slope C ₃ T ₅ S ₈ 5 5 5 5 Osc Ordovician sedimentary moderate slope C ₃ T ₅ S ₈ 5 5 5* 5 Osc Ordovician sedimentary crest/ ridge/moderate slope C ₃ T ₂ S ₄ 2 4 3* 4 4* 4* Ose <td>Dgb</td> <td>Devonian granitic steep slope</td> <td>$C_3T_5S_5$</td> <td>5</td> <td>5</td> <td>5*</td> <td>5</td>	Dgb	Devonian granitic steep slope	$C_3T_5S_5$	5	5	5*	5
Deg	Dgc	Devonian granitic moderate slope	C ₃ T ₄ S ₄	3	4	4*	4
Depon Deponian granitic plateau C3T2S4 2	Dge	Devonian granitic gentle slope	C ₃ T ₃ S ₄	3	4	2	4
Dra Devonian rhyodacite crest/ridge C₃T₃S₃ 5 5 3 Drb Devonian rhyodacite steep slope C₃T₄S₃ 5 5 5* 5 Drc Devonian rhyodacite moderate slope C₃T₄S₃ 3 5 4* 5 Dre Devonian rhyodacite gentle slope C₃T₄S₃ 2 4 3* 3 Osb Ordovician sedimentary steep slope C₃T₄S₃ 5 5 5* 5 Osc Ordovician sedimentary moderate slope C₃T₄S₄ 3 4 4* 4 Osc Ordovician sedimentary crest/ ridge/moderate slope C₃T₄S₄ 2 4 3* 4 Ose Ordovician sedimentary gentle slope C₃T₂S₄ 3 4 3 4 Osg Ordovician sedimentary very gentle slope C₃T₂S₄ 4 3 4 3 Osg Ordovician sedimentary drainage depression C₃T₂S₄ 4 3 4 4 Osg Ordovician sedimentary drainage depression C₃T₃S₃ </td <td>Dgg</td> <td>S S</td> <td>C₃T₂S₄</td> <td>4</td> <td>5</td> <td>3</td> <td>4</td>	Dgg	S S	C ₃ T ₂ S ₄	4	5	3	4
Drb Devonian rhyodacite steep slope C₃T₅S₅ 5 5* 5 Drc Devonian rhyodacite moderate slope C₃T₄S₆ 3 5 4* 5 Dre Devonian rhyodacite gentle slope C₃T₄S₆ 3 5 4* 3 Osb Ordovician sedimentary steep slope C₃T₄S₆ 5 5 5* 5 Osc Ordovician sedimentary moderate slope C₃T₄S₆ 3 4 4* 4 Osc Ordovician sedimentary moderate slope C₃T₄S₆ 2 4 3* 4 Osd Ordovician sedimentary crest/ ridge/moderate slope C₃T₄S₆ 3 4 3* 4 Ose Ordovician sedimentary gentle slope C₃T₂S₆ 3 4 3 4 Osf Ordovician sedimentary very gentle slope C₃T₂S₆ 4 3 4 4 Osf Ordovician sedimentary drainage depression C₃T₂S₆ 4 3 4 4 Osg Ordovician sedimentary drainage depression C	Dgp	Devonian granitic plateau	$C_3T_2S_4$	2	4	3	3
Drc Devonian rhyodacite moderate slope C ₃ T ₃ S ₃ 2 4* 5 Dre Devonian rhyodacite gentle slope C ₃ T ₃ S ₃ 2 4 3* 3 Osb Ordovician sedimentary steep slope C ₃ T ₂ S ₆ 5 5 5* 5 Osc Ordovician sedimentary moderate slope C ₃ T ₄ S ₄ 3 4 4* 4 Osd Ordovician sedimentary crest/ ridge/moderate slope C ₃ T ₂ S ₄ 2 4 3' 4 Ose Ordovician sedimentary gentle slope C ₃ T ₂ S ₄ 3 4 3 4 Osf Ordovician sedimentary very gentle slope C ₃ T ₂ S ₄ 4 3 4 3 Osf Ordovician sedimentary drainage depression C ₃ T ₂ S ₄ 4 3 4 4 Osf Ordovician sedimentary drainage C ₃ T ₂ S ₄ 4 3 4 4 Osf Ordovician sedimentary very gentle slope C ₃ T ₂ S ₄ 4 3 4 4 Osf O	Dra	Devonian rhyodacite crest/ridge	$C_3T_3S_5$	5	5	5	3
Slope	Drb	Devonian rhyodacite steep slope	$C_3T_5S_5$	5	5	5*	5
Osb Ordovician sedimentary steep slope $C_3T_5S_6$ 5 5 5 5 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0	Drc		C ₃ T ₄ S ₅	3	5	4*	5
Osc Ordovician sedimentary moderate slope C ₃ T ₄ S ₄ 3 4 4* 4 Osd Ordovician sedimentary crest/ ridge/moderate slope C ₃ T ₂ S ₄ 2 4 3' 4 Ose Ordovician sedimentary gentle slope C ₃ T ₃ S ₄ 3 4 3 4 Osf Ordovician sedimentary very gentle slope C ₃ T ₂ S ₄ 4 3 4 3 Osg Ordovician sedimentary drainage depression C ₃ T ₂ S ₄ 4 3 4 4 Osg Ordovician sedimentary drainage depression C ₃ T ₂ S ₄ 4 3 4 4 Osg Ordovician sedimentary drainage depression C ₃ T ₂ S ₄ 4 3 4 4 Osg Ordovician sedimentary drainage depression C ₃ T ₂ S ₃ 3 3 2 2 Qal Quaternary alluvial terrace (higher) C ₃ T ₁ S ₃ 3 3 2 2 Qa2 Quaternary alluvial terrace (lower) C ₃ T ₁ S ₃ 5 5 5 5	Dre	Devonian rhyodacite gentle slope	$C_3T_3S_3$	2	4	3*	3
Slope C3T2S4 2	Osb	Ordovician sedimentary steep slope	C ₃ T ₅ S ₆	5	5	5*	5
ridge/moderate slope	Osc	,	C ₃ T ₄ S ₄	3	4	4*	4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Osd		C ₃ T ₂ S ₄	2	4	3'	4
Slope C3T2S4 4 3 4 4 Qal Quaternary alluvial terrace (higher) C3T2S4 4 3 4 4 Qal Quaternary alluvial terrace (lower) C3T1S3 3 2 2 Qa2 Quaternary alluvial terrace (lower) C3T1S4 5 4 4 1 Tba Tertiary basalt crest C3T3S5 5 5 5 5 4 Tbc Tertiary basalt moderate slope C3T4S5 4 5 4' 5 Tbc Tertiary basalt gentle slope C3T2S3 2 5 3 4 Tbf Tertiary basalt very gentle slope C3T2S2 2 4 2 2 Tbg Tertiary basalt drainage depression C3T2S3 4 3 4 3 Tva Tertiary volcanic crest C3T2S3 5 5 5 5 5 4 Tvb Tertiary volcanic moderate slope C3T4S5 4 5 4'	Ose	Ordovician sedimentary gentle slope	C ₃ T ₃ S ₄	3	4	3	4
Cal Quaternary alluvial terrace (higher) C ₃ T ₁ S ₃ 3 2 2 Qa2 Quaternary alluvial terrace (lower) C ₃ T ₁ S ₄ 5 4 4 1 Tba Tertiary basalt crest C ₃ T ₃ S ₅ 5 5 5 4 Tbc Tertiary basalt moderate slope C ₃ T ₄ S ₅ 4 5 4' 5 The Tertiary basalt gentle slope C ₃ T ₂ S ₃ 2 5 3 4 Tbf Tertiary basalt very gentle slope C ₃ T ₂ S ₂ 2 4 2 2 Tbg Tertiary basalt drainage depression C ₃ T ₂ S ₃ 4 3 4 3 Tva Tertiary volcanic crest C ₃ T ₂ S ₃ 4 3 4 3 Tvb Tertiary volcanic steep slope C ₃ T ₃ S ₅ 5 5 5 5 5 Tvc Tertiary volcanic gentle slope C ₃ T ₃ S ₅ 4 5 4' 5 Tvf Tertiary volcanic drainage depression C ₃ T	Osf	, , ,	C ₃ T ₂ S ₄	4	3	4	3
Qa2Quaternary alluvial terrace (lower) $C_3T_1S_4$ 5441TbaTertiary basalt crest $C_3T_3S_5$ 5554TbcTertiary basalt moderate slope $C_3T_4S_5$ 454'5TheTertiary basalt gentle slope $C_3T_4S_5$ 2534TbfTertiary basalt very gentle slope $C_3T_2S_2$ 2422TbgTertiary basalt drainage depression $C_3T_2S_3$ 4343TvaTertiary volcanic crest $C_3T_2S_3$ 4343TvbTertiary volcanic steep slope $C_3T_5S_5$ 5555TvcTertiary volcanic moderate slope $C_3T_4S_5$ 454'5TveTertiary volcanic gentle slope $C_3T_4S_5$ 454'5TvfTertiary volcanic drainage depression $C_3T_2S_4$ 4423TvgTertiary volcanic drainage depression $C_3T_2S_3$ 4443TvhTertiary volcanic flats $C_3T_1S_4$ 5342	Osg	, ,	C ₃ T ₂ S ₄	4	3	4	4
Tba Tertiary basalt crest $C_3T_3S_5$ 5 5 5 4 Tbc Tertiary basalt moderate slope $C_3T_4S_5$ 4 5 4' 5 The Tertiary basalt gentle slope $C_3T_3S_3$ 2 5 3 4 Tbf Tertiary basalt very gentle slope $C_3T_2S_2$ 2 4 2 2 Tbg Tertiary basalt drainage depression $C_3T_2S_3$ 4 3 4 3 Tva Tertiary volcanic crest $C_3T_3S_5$ 5 5 5 5 4 Tvb Tertiary volcanic steep slope $C_3T_5S_5$ 5 5 5 5 5 5 Tvc Tertiary volcanic moderate slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_3S_4$ 3 5 2 4 Tvf Tertiary volcanic very gentle slope $C_3T_2S_4$ 4 4 2 3 Tvg Tertiary volcanic drainage $C_3T_2S_3$ 4 4 4 2 3 Tvg Tertiary volcanic drainage $C_3T_2S_3$ 4 4 4 2 3 Tvh Tertiary volcanic flats $C_3T_2S_3$ 4 4 4 2 3	Qal	Quaternary alluvial terrace (higher)	C ₃ T ₁ S ₃	3	3	2	2
Tbc Tertiary basalt moderate slope $C_3T_4S_5$ 4 5 4' 5 The Tertiary basalt gentle slope $C_3T_3S_3$ 2 5 3 4 Tbf Tertiary basalt very gentle slope $C_3T_2S_2$ 2 4 2 2 Tbg Tertiary basalt drainage depression $C_3T_2S_3$ 4 3 4 3 Tva Tertiary volcanic crest $C_3T_3S_5$ 5 5 5 4 Tvb Tertiary volcanic steep slope $C_3T_4S_5$ 5 5 5 5 5 Tvc Tertiary volcanic moderate slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_3S_4$ 3 5 2 4 Tvf Tertiary volcanic very gentle slope $C_3T_2S_4$ 4 4 2 3 Tvg Tertiary volcanic drainage $C_3T_2S_3$ 4 4 4 2 3 Tvg Tertiary volcanic drainage $C_3T_2S_3$ 4 4 4 2 3 Tvh Tertiary volcanic flats $C_3T_1S_4$ 5 3 4 2	Qa2	Quaternary alluvial terrace (lower)	C ₃ T ₁ S ₄	5	4	4	1
The Tertiary basalt gentle slope $C_3T_3S_3$ 2 5 3 4 Tbf Tertiary basalt very gentle slope $C_3T_2S_2$ 2 4 2 2 Tbg Tertiary basalt drainage depression $C_3T_2S_3$ 4 3 4 3 Tva Tertiary volcanic crest $C_3T_3S_5$ 5 5 5 4 Tvb Tertiary volcanic steep slope $C_3T_5S_5$ 5 5 5 5 5 Tvc Tertiary volcanic moderate slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_3S_4$ 3 5 2 4 Tvf Tertiary volcanic very gentle slope $C_3T_2S_4$ 4 4 2 3 Tvg Tertiary volcanic drainage depression $C_3T_2S_3$ 4 4 4 2 3 Tvg Tertiary volcanic drainage $C_3T_2S_3$ 4 4 4 2 3 Tvh Tertiary volcanic flats $C_3T_1S_4$ 5 3 4 2	Tba	Tertiary basalt crest	C ₃ T ₃ S ₅	5	5	5	4
Tbf Tertiary basalt very gentle slope $C_3T_2S_2$ 2 4 2 2 Tbg Tertiary basalt drainage depression $C_3T_2S_3$ 4 3 4 3 Tva Tertiary volcanic crest $C_3T_3S_5$ 5 5 5 5 4 Tvb Tertiary volcanic steep slope $C_3T_5S_5$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Tbc	Tertiary basalt moderate slope	C ₃ T ₄ S ₅	4	5	4'	5
Tbg Tertiary basalt drainage depression $C_3T_2S_3$ 4 3 4 3 Tva Tertiary volcanic crest $C_3T_3S_5$ 5 5 5 4 Tvb Tertiary volcanic steep slope $C_3T_5S_5$ 5 5 5 5 5 Tvc Tertiary volcanic moderate slope $C_3T_4S_5$ 4 5 4' 5 Tve Tertiary volcanic gentle slope $C_3T_3S_4$ 3 5 2 4 Tvf Tertiary volcanic very gentle slope $C_3T_2S_4$ 4 4 2 3 Tvg Tertiary volcanic drainage depression $C_3T_2S_3$ 4 4 4 3 3 Tvh Tertiary volcanic flats $C_3T_1S_4$ 5 3 4 2	The	Tertiary basalt gentle slope	$C_3T_3S_3$	2	5	3	4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tbf	Tertiary basalt very gentle slope	$C_3T_2S_2$	2	4	2	2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tbg	Tertiary basalt drainage depression	$C_3T_2S_3$	4	3	4	3
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Tva	Tertiary volcanic crest	C ₃ T ₃ S ₅	5	5	5	4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tvb	Tertiary volcanic steep slope	$C_3T_5S_5$	5	5	5	5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tvc	Tertiary volcanic moderate slope	C ₃ T ₄ S ₅	4	5	4'	5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tve	Tertiary volcanic gentle slope	$C_3T_3S_4$	3	5	2	4
	Tvf	Tertiary volcanic very gentle slope	C ₃ T ₂ S ₄	4	4	2	3
	Tvg		C ₃ T ₂ S ₃	4	4	4	3
Tree Tartian valencia suturale alone C.T.C. 2 4 2	Tvh	Tertiary volcanic flats	$C_3T_1S_4$	5	3	4	2
Two remains voicanic outwash slope $ \cup_3 1_3 \bigcirc_4 2 4 3 4$	Tvo	Tertiary volcanic outwash slope	C ₃ T ₃ S ₄	2	4	3	4

^{*} Upgrade by one class for stumps on strip footprints

4.2 Capability analyses and map unit descriptions

Thirty-one map units have been identified within the Shire. Each map unit is described in a 2-page format in terms of the geology, topography, dominant soil and general site characteristics, and includes a table of capability ratings for those land uses considered important by the Shire Council of Newham and Woodend. The rating table also identifies the major limiting feature(s) for each land use.