



CATARAQUI REGION  
CONSERVATION AUTHORITY

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## Appendix 'C' : Shoreline Classification System Lake Ontario and the St. Lawrence River - Cataraqui Region

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SHORELINE TYPE	REGULATORY EROSION STANDARD		
	Stability Allowance	Erosion Allowance	
		Open Lake	Connecting Channel
<b>High Bedrock* (&gt;2m)</b>	1:1 on rock portion 3:1 on till portion	5m if till covered 0m if exposed rock	5m if till covered 0m if exposed rock
<b>Low Bedrock* (&lt;2m)</b>	1:1 from toe of slope	10 m	5 m
<b>High Till (&gt; 2m)</b>	3:1 from toe of slope	30 m	15 m
<b>Low Till (&lt;2m)</b>	3:1 from toe of slope	30 m	10 m
<b>Marsh (fringe ≥100m)</b>	0m	30 m	seasonal highwater level shoreline +10m
<b>Beach (&gt;100 m long, 0.3m deep, 10m wide)</b>	0m	Reg. Flood Standard +30 m	Reg. Flood Standard + 30 m

\*\* For a composite till on bedrock shoreline to be classified as bedrock shoreline, the elevation of the top of rock must exceed the seasonal high water level by a minimum of 1.0 metres.

Source: J.D. Paine, 1995