

1    Q.    **Project C-11, Upgrade Shoreline Protection – Cat Arm**

2            Has Hydro considered the option of simply replacing the armour stone which has  
3            been washed out into the ocean at this time and postponing the two-year project  
4            involving engineering investigation and design to a later date?

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7    A.    Installed in 2005, the protective layer of armour stone began to fail five years later  
8            in 2010. The proper reinstatement of this shoreline protection is both a complex  
9            and costly piece of work.

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11           Given the short service life experienced by the armour stone protection it would be  
12           imprudent to proceed with its direct reinstatement. Hydro feels that the proposed  
13           two-year project, of which year one involves an engineering investigation and  
14           design phase, will ensure that the least-cost alternative is selected to adequately  
15           address the shoreline protection issue on the Cat Arm Access Road.