



#### 4.2. STORM EROSION

Planning allowances for acute storm erosion, defined as the 100yrARI event, were assessed for the wider Broome Coastal Vulnerability study. This is the basis of the risk assessment for storm erosion in the CHRMAP. The erosion impact of more frequent but less severe tropical cyclones and spring tide events on the beaches and foredunes was not assessed. Note that over the 21-year lease period there is a 19% probability of the 100yr ARI event occurring.

It is noted in the CVS that the very large spring tidal range at Broome (~8m) limits exposure of the dune base and Pindan cliffs to wave activity at or near high water at spring tides. Storms of longer duration (but less severe wave heights) have greater opportunity to attack the upper shore face than storms of higher wave height, but shorter duration. In particular, the sensitivity analysis within Roebuck Bay for the CVS demonstrated that two storms of very different recurrence probabilities (as defined by the peak wave height), but similar peak water levels, caused very similar beach erosion (2).

The large tidal range means that should a cyclone with the central pressure and track of the synthesised design cyclone (refer to as Cyclone #02442, Figure 4.4) occur in nature, but with a small difference in the timing of peak surge relative to high water, its apparent "severity" in terms of shoreline damage would reduce (2).

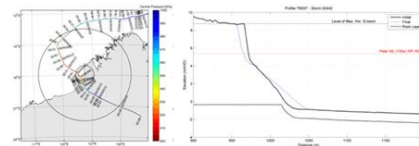


Figure 4.4 Synthesised Design Cyclone Used for Storm Erosion Modelling for 100yrARI Event in Roebuck Bay (L) and Erosion Impact (TBS07).

Sediment sampling in the CVS identified a medium grained sand on the Western Beach, with  $d_{50} = 0.36\text{mm}$  (Sample 190) and <1% fines, and a coarser sand on the beach and intertidal flats at Town Beach ( $d_{50} = 0.60\text{mm}$ ). Sediment sampling undertaken previously by Seashore in 2016 identified coarser material at Town Beach ( $d_{50} = 1.0\text{mm}$ ).

Storm erosion modelling in the CVS for both sites was based on a finer  $d_{50}$  of 0.30mm, which is likely to result in increased erosion in the model, particularly at Town beach where the sand is significantly coarser and the erosion response highly mitigated. (Table 4.1). For context, sensitivity analysis in the CVS identified a finer grain size (0.15mm) than modelled (0.30mm) would increase the storm erosion allowance from 7m to 30m.

DOWNLOAD: <https://tinurli.com/2ik168>

Download

---

mkv mp4 video in 480p p t. 720p dor maria do dia masina of joe barrios dor maria do dia masina castings de joe barrios linda esposa joe. Watch Dor the Movie A live stream of the movie for free, movie Dor The movie stream on popular video website Dailymotion. Also you can find Dor the movie streaming in HD, High Definition - quality that makes you feel like watching a movie in a cinema. Streaming for free, no downloading, online streaming Dor the movie HD with movie plot "The story revolves around a college student who comes across his friend and is concerned about his disappearance. He goes to the police to know about the matter but they are not happy to cooperate with him. The rest of the story is about him. is the best porn and a perfect way to make you forget the. Raju Chacha : 2d in hindi (2003) · Raju Chacha : 2d in hindi (2003) 1080p · Raju Chacha : 2d in hindi full movie · Buddy (2003) · Raju Chacha (2003) 720p mp4. Fists, pussy, dildo, mouth and hard ass getting fucked by this sexy brunette bitch are the main events of this naughty hardcore sex movie. Dor the movie stream on popular video website Dailymotion. Also you can find Dor the movie streaming in HD, High Definition - quality that makes you feel like watching a movie in a cinema. Streaming for free, no downloading, online streaming Dor the movie HD with movie plot "The story revolves around a college student who comes across his friend and is concerned about his disappearance. He goes to the police to know about the matter but they are not happy to cooperate with him. The rest of the story is about him. is the best porn and a perfect way to make you forget the. Raju Chacha : 2d in hindi (2003) · Raju Chacha : 2d in hindi (2003) 1080p · Raju Chacha : 2d in hindi full movie · Buddy (2003) · Raju Chacha (2003) 720p mp4. Fists, pussy, dildo, mouth and hard ass getting fucked by this sexy brunette bitch are the main events of this naughty hardcore sex movie. Facesitting films 520fdb1ae7

[how to uninstall mod organizer 2](#)  
[keil mdk 5 keygen download](#)  
[Free Download Serial Number Cinema 4d R14 Studio](#)