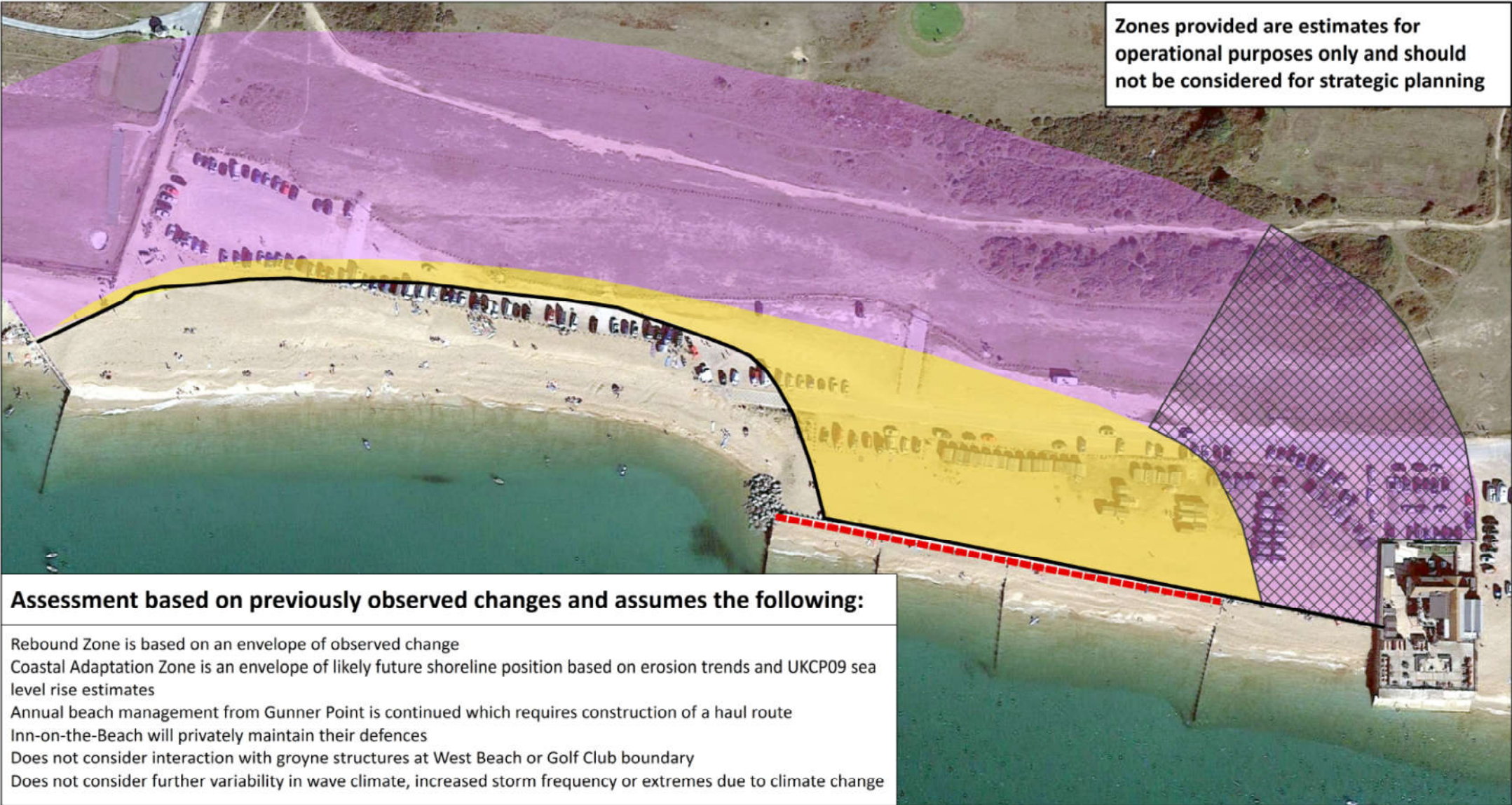


# Preliminary assessment of Adaptation Zones following removal of damaged sea defence

Zones provided are estimates for operational purposes only and should not be considered for strategic planning



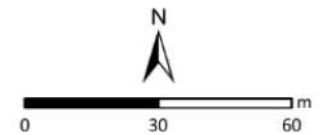
## Assessment based on previously observed changes and assumes the following:

- Rebound Zone is based on an envelope of observed change
- Coastal Adaptation Zone is an envelope of likely future shoreline position based on erosion trends and UKCP09 sea level rise estimates
- Annual beach management from Gunner Point is continued which requires construction of a haul route
- Inn-on-the-Beach will privately maintain their defences
- Does not consider interaction with groyne structures at West Beach or Golf Club boundary
- Does not consider further variability in wave climate, increased storm frequency or extremes due to climate change

South Hayling Island

- Rebound Zone
- Coastal Adaptation Zone
- Area of greater uncertainty
- Beach crest February 2020
- Damaged sea defence

Image © Google, TerraMetrics 2019



EASTERN SOLENT | COASTAL PARTNERSHIP